

BLOCK 1149 LOT 5 QUALIFICATION CODE _____ ADDRESS (SITE) 1930 Rt 88 PERMIT NO. 09-0838



CONSTRUCTION PERMIT APPLICATION

Applicant Completes: Sections I, II, III (optional), IV, VI, and VII

I. IDENTIFICATION

1. Proposed Work Site at: 1930 Rt 88, Brick

2. Name of Owner in Fee: Chase Bank

Tel. (201) 538-3215 e-mail _____

Address 830 Bergen Ave Jersey City

3. Ownership in Fee: Public X Private _____

4. Principal Contractor: Solar Laminations Tel. (732) 390-0698

Address 54 Johnson P e-mail _____

South River, N.J.

License No. OR, if new home, Builder Reg. No. _____ Exp. Date _____

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. 22-3292372 FAX: (732) 967-0353

5. Architect or Engineer: Christopher Juchnik Contact Chris Juchnik

Address 751 Kearney Ave, Kearney, N.J. e-mail _____

Tel. (201) 998-5040 FAX: () _____

6. Responsible Person in Charge once Work has Begun: John Solar

Tel. (732) 390-0698 FAX: (732) 967-0353

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	\$ <u>288</u>	<u>45</u>	
2. Electrical	<u>40</u>		
3. Plumbing	<u>40</u>		
4. Fire Protection			
5. Elevator Devices			
6. Subtotal			
7. Less 20% for State Plan Review	\$ <u>25</u>	<u>20</u>	
8. Subtotal	\$		
9. State Permit Surcharge Fee			
10. Subtotal	\$		
11. Cert. of Occupancy			
12. Other			
13. TOTAL	\$ <u>413</u>	<u>71</u>	

VI. BUILDING/SITE CHARACTERISTICS (office use only)

1. Number of Stories _____ ft.

2. Height of Structure _____ sq. ft.

3. Area — Largest Floor _____ sq. ft.

4. New Building Area EXIST. sq. ft.

5. Volume of New Structure TENANT cu. ft.

6. Max. Live Load _____

7. Max. Occupancy Load ALT.

8. If Industrialized Building: State Approved _____ HUD _____

9. Total Land Area Disturbed _____ sq. ft.

10. Flood Hazard Zone _____

11. Base Flood Elevation _____ ft.

12. Wetlands yes _____ no _____

IIa. PROPOSED WORK

☒ Minor Work ☐ New Building ☐ Addition ☒ Demolition

☐ Repair ☐ Alteration ☐ Renovation ☐ Reconstruction

☐ Asbestos Abat. -Subch. 8 ☐ Lead Hazard Abatement ☐ Radon Remediation ☐ Annual Permit

IIb. SUBCODES (Check all that apply)

	Est. Cost	Plans Rec'd By	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Rejection	Re-viewer
☒ Building	<u>\$12,000.00</u>	<u>AS</u>	<u>4/13/09</u>		<u>4/17/09</u>	<u>AS</u>	<u>5/22/09</u>		
☒ Electrical	<u>\$3,210.00</u>	<u>AS</u>	<u>4/13/09</u>		<u>4/24/09</u>	<u>AS</u>	<u>6-4-9</u>	<u>5/22/09</u>	<u>AS</u>
☒ Plumbing	<u>\$200.00</u>	<u>AS</u>	<u>4/13/09</u>		<u>4-4-09</u>	<u>2</u>	<u>5/22/09</u>		
☐ Fire Protection									
☐ Elevator									
TOTAL COST		<u>15410.00</u>							

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL (primary use)

1. State Specific Use: _____

2. Use Group, Proposed: _____

3. Change in Use Group, Indicate Present: _____

4. No. of dwelling units: Total Units Income restricted

Gained, Sale _____

Gained, Rental _____

Lost, Sale _____

Lost, Rental _____

B. NON-RESIDENTIAL (primary use)

1. State Specific Use: _____

2. Use Group, Proposed: _____

3. Change in Use Group, Indicate Present: _____

C. MIXED USE -List secondary use(s): _____

D. Construct. Classification: Present _____ Proposed _____

III. PLAN REVIEW (optional)

- DO YOU WANT:
1. ☐ Partial Releases
2. ☐ Prototype Processing

IV. DOES OR WILL YOUR BUILDING CONTAIN ANY OF THE FOLLOWING?

1. ☐ Elevators/Escalators/Lifts/
Dumbwaiters/Moving Walks
2. ☐ High Pressure Boilers
3. ☐ Pressure Vessels
4. ☐ Refrigeration Systems
5. ☐ Cross-Connections/Backflow Preventers
6. ☐ Hazardous Uses/Places of Assembly
7. ☐ Sprinklers
8. ☐ Smoke Control Systems in Open Wells
9. ☐ Underground Storage Tanks
10. ☐ Swimming Pools, Spas and Hot Tubs
11. ☐ LPGas Tanks

COMMERCIAL

Called 4/23/09

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION (to be completed if the applicant is the owner in fee)

I hereby certify that I am the owner in fee of the property listed on Page 1.

Mark the following applicable boxes:

- A. ☐ I further certify that a new home (private residence) will be constructed on this property for my own use and occupancy. This dwelling is to be occupied by myself and is not to be used for any purpose other than single family residential use. I attest that all construction, plumbing, or electrical work will be done, in whole or in part, by me or by subcontractors under my supervision, in accordance with all applicable laws; and, I further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.S.A. 46:3B-1 et seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.

I UNDERSTAND THAT IN MARKING BOX A, I ACKNOWLEDGE THAT I AM ASSUMING RESPONSIBILITY FOR THE WORK DONE ON SAID PROPERTY, THE CONDITION OF THE PROPERTY PRIOR TO, DURING, AND AFTER ANY WORK PERFORMED, AND FOR THE PERFORMANCE OF THE SUBCONTRACTORS I HIRE, EMPLOY, OR OTHERWISE CONTRACT OR WITH WHOM I MAKE AGREEMENTS TO PERFORM WORK. I AM VOLUNTARILY AND KNOWINGLY ASSUMING THIS RESPONSIBILITY.

- B. ☐ I further certify the following as required by the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(e)1.ix:

I personally prepared the plans submitted for: 1) the new home referred to in A.; or, 2) an addition, alteration, renovation, or repair to an existing single family residence owned and occupied by myself and located on the property listed on Page 1; or, 3) a new structure that will be physically separate from, but that will be deemed part of, an existing single family residence that is owned and occupied by myself and located on the property listed on Page 1.

- C. ☐ I further certify that I will perform or supervise the following work:

C.1. ☐ Building C.2. ☐ Fire Protection

I further certify that I will perform the following work:

C.3. ☐ Electrical C.4. ☐ Plumbing

- D. ☐ I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I understand that if any of the above statements are willfully false, I am subject to punishment.

Signature _____ Date _____

II. AGENT SECTION (to be completed if the applicant is not the owner in fee)

I hereby certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(d): the proposed work is authorized by the owner in fee; and I have been authorized by the owner in fee to make this application as his agent.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

☒ Check if contractor.

Agent Name Solan Lamington

Address 54 Johnson Pl.
South River, N.J.

Telephone (732) 390-0698

Signature [Signature]

- III. ☐ LEAD HAZARD ABATEMENT: Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:17.



PERMIT UPDATE

Date Update Issued 6/12/09
Control # C-09-001833
Permit # 09-0838+A

IDENTIFICATION Block: 1149 Lot: 5 Qualifier _____
Work Site Location: 1930 ROUTE 88 Brick Township, NJ Contractor SOLAR LAYMINATIONS
Owner in Fee SUPER INTERMEDIATE CO LLC % E PROP TAX Address 54 JOHNSON PL SOUTH RIVER NJ
PO BOX 4900 - DEPT 124 SCOTTSDALE AZ Telephone: (732) 390-0698
85261 Lic. No. or Bldrs. Reg. No. _____
Telephone: _____ Federal Employee No. 22-3292377

Is hereby granted permission to perform the following work:

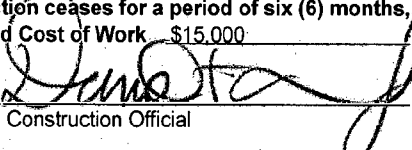
- | | | |
|--|--|--|
| ☐ BUILDING | ☐ PLUMBING | ☐ LEAD HAZARD ABATEMENT |
| ☒ ELECTRICAL | ☐ FIRE PROTECTION | ☐ DEMOLITION |
| ☐ ELEVATOR DEVICES | ☐ ASBESTOS ABATEMENT
(Subchapter 8 only) | ☐ OTHER |

DESCRIPTION OF WORK:

ALARM SYSTEM (BURGLAR OR FIRE)

Note: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$15,000


Construction Official

Date 6-4-09

U.C.C. F170
equiv (rev 8/03)

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT

PAYMENTS (Office Use Only)

Building	\$0
Electrical	\$45
Plumbing	\$0
Fire Protection	\$0
Elevator Devices	\$0
Other	\$0.00
DCA Training Fee	\$26
CO Fee	
Other	\$0
Total	\$71
Check No.	
Cash	\$0
Credit	\$0
Collected By	

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

☐ Required inspections for all subcodes for one- and two-family dwellings are as follows:

- The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
- Foundations and all walls up to grade level prior to back filling.
- All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
- Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

06/15/09 10:37AM 001558#1614

XX01 SERV.001

\$45.00

\$26.00

\$71.00

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

☐ Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

☐ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

☐ A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.



CONSTRUCTION PERMIT

Date Issued _____
Control # C-09-001069
Permit # _____

IDENTIFICATION Block: 1149 Lot: 5 Qualifier _____
Work Site Location: 1930 ROUTE 88 Brick Township, NJ Contractor: SOLAR LAYMINATIONS
Owner in Fee: PROVIDENT BANK Address: 54 JOHNSON PL SOUTH RIVER NJ
830 BERGEN AVENUE JERSEY CITY NJ Telephone: (732) 390-0698
Telephone: (201) 538-3215 Lic. No. or Bldrs. Reg. No. _____
Federal Employee No. 22-3292377

Is hereby granted permission to perform the following work:

- ☒ BUILDING ☒ PLUMBING ☐ LEAD HAZARD ABATEMENT
☒ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT (Subchapter 8 only) ☐ OTHER

DESCRIPTION OF WORK:

ALTERATION - COMMERCIAL REMOVE NON-BEARING PARTITION & KNEEWALLS, RETILE BATHROOM, INSTALL NEW CEILING TILES, SUPPLY NEW CHECKWRITING DESK, INSTALL LAMINATED 1/2 WALL.

Note: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$15,410

PAYMENTS (Office Use Only)

Building	\$288
Electrical	\$40
Plumbing	\$40
Fire Protection	\$0
Elevator Devices	\$0
Other	\$0.00
DCA Training Fee	\$25
CO Fee	
Other	\$0
Total	\$393
Check No.	
Cash	\$0
Credit	\$0
Collected By	

Construction Official _____

Date _____

U.C.C. F170
equiv (rev 8/03)

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

☐ Required inspections for all subcodes for one- and two-family dwellings are as follows:

1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
2. Foundations and all walls up to grade level prior to back filling.
3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and/or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

☐ Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

☐ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

☐ A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.

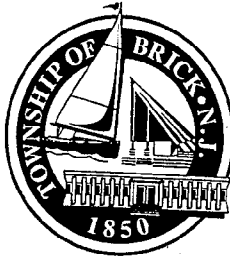
TOWNSHIP OF BRICK

OCEAN COUNTY, NEW JERSEY
401 CHAMBERS BRIDGE ROAD, BRICK, N.J. 08723

Daniel J. Kelly, Mayor

Township Council:

Stephen C. Acropolis - President
Ruthanne Scaturro - Vice President
Anthony Matthews
Kathy M. Russell
Joseph Sangiovanni
Michael A. Thulen, Sr.
Dan Toth



Department of Administration & Finance

Division of Inspections
Daniel F. Newman Jr.
Construction Official
732-262-1027
Fax: 732-262-8954
www.twp.brick.nj.us

UNIFORM CONSTRUCTION CODE

Construction Permits Application
5:23-2.15 (e) (vii) (1x)

Owner/Agent: Solar Lamination

Property Address: 1430 Rt 88

Town: Brick Zip: 08723

Block: 1749 Lot: 5

_____ Waiver architectural for commercial interior work

_____ other _____

OWNER/AGENT PROCEED AT OWN RISK

Signature: [Signature]

Owner/Agent: Solar Laminations

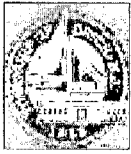
Building Subcode Official: _____

Frank Mizer

Construction Official: _____

Daniel F. Newman, Jr.





Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 6/25/2009
Control Number C-09-001069
Permit Number 09-0838
Permit Issue Date 4/28/2009
Certificate Number 09-0838

Certificate

Construction Code Division
(Certificate of Approval)

Identification

Work Site Location: 1930 ROUTE 88 Brick Township, NJ Block: 1149 Lot: 5 Qual: _____
Owner in Fee: SUPER INTERMEDIATECO LLC% E PROP TAX
Owner Address: PO BOX 4900 - DEPT 124 SCOTTSDALE AZ 85261
Telephone: _____
Contractor SOLAR LAYMINIATIONS
Address 54 JOHNSON PL SOUTH RIVER NJ
Telephone: (732) 390-0698 Fax: (732) 967-0353
License Number or Builders Registration Number: _____ Federal Emp. Number: 22-3292377

Home Warranty Number: _____

Type of Warranty Plan: ☐ State ☐ Private

Use Group: B Construction Classification: _____

Maximum Live Load: 0 Maximum Occupancy Load: 0

Description of Work/Use: ALTERATION - -COMMERCIAL REMOVE NON-BEARING PARTITION & KNEEWALLS, RETILE BATHROOM, INSTALL NEW CEILING TILES, SUPPLY NEW CHECKWRITING DESK, INSTALL LAMINATED 1/2 WALL.

Certificate Comments:

☐ **Certificate of Occupancy**

This serves notice that said building or structure has been constructed in accordance with the New Jersey Uniform Construction Code and is approved for occupancy.

☒ **Certificate of Approval**

This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved. If the permit was issued for minor work, this certificate was based upon what was visible at the time of inspection.

☐ **Certificate of Continued Occupancy**

This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

☐ **Temporary Certificate of Compliance**

The following conditions must be met no later than or the owner will be subject to fine or order to vacate:

This certificate has an expiration date of:

Conditions to be met:

☐ **Certificate of Clearance - Lead Abatement 5:17**

This serves notice that based on written certification, lead abatement was performed as per NJAC5:17 to the following extent.

- ☐ Total removal of lead-based paint hazards in scope of work
☐ Partial or limited time period (years); see file

☐ **Certificate of Clearance - Asbestos Abatement**

This serves notice that based on written certification, asbestos abatement was performed to the following extent.

- ☐ Total removal of asbestos hazards in scope of work
☐ Partial or limited time period (years); see file

☐ **Certificate of Compliance**

This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until

☐ **Temporary Certificate of Occupancy**

The following conditions must be met no later than: or the owner will be subject to fine or order to vacate: This certificate has an expiration date of:

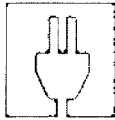
Conditions to be met:

Construction Official

Fee: \$0.00

Check Number: _____

Collected By: _____



update 09-0838+A
6/12/09
C 09-001833

Block 1149 Lot 88 Qualification Code 2-10
 Work Site location BRICK
 Owner in Fee: SUPER INTERMEDIA TECH LLC E. PROP TAX

Home Improvement Contractor Registration No. or Exemption Reason (if applicable):
Federal Emp. ID No. 581814102
FAX: (856) 661-4449

Use Group _____ Present _____ Proposed _____
☐ Pole/Pad # _____ ☐ Temporary ☐ Other _____
 Building Occupied as _____ Utility Co. _____
 Est. Cost of Elec. Work \$ 5,000.00

C. CERTIFICATION IN LIEU OF OATH
I hereby certify that I am the (agent or) owner of record and am authorized to make this application and perform the work listed on this application.

U.C.C. F120 (rev. 10/06)

Reorder From OCS Printing (609) 390-1400

69/6/7





A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 1149 Lot 3 Qualification Code _____
 Work Site Location 1930 Route 88, Brick- NJ

Owner in Fee: The Provident Bank
Tel. (801) 538-3215 e-mail _____

Address 830 Bergen Ave, Jersey City Street Municipality ZIP code
 Contractor: M-P Elec. Contrs Tel. (932) 826-6811
 Address 51 New Brunswick e-mail 08806
Hopelawn NJ
 Contractor License No. 13706 Exp. Date 3-31-12

Home Improvement Contractor Registration No. or Exemption Reason (if applicable):
Federal Emp. ID No. 22-2248588 FAX: (932) 260-68

Use Group Present _____ Proposed _____
 [] Pole/Pad # _____ [] Temporary [] Other _____
 Building Occupied as _____ Utility Co. _____

Building Occupied as _____ Utility Co.
Est. Cost of Elec. Work \$3,210.00

[illegible]

I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

☒ Licensed Elec. Contractor [] Certif'd Landscape Irrigation Contr'r [] Exempt Applicant

Date Received
Control #

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

DESCRIPTION OF WORK

Relocate 2 Communication lines + connect to whips Partition walls

FEE (Office Use Only)

COMMERCIAL

५९

TOTAL NUMBERS

Pool Permit/with UW Lights
Storable Pool/Spa/Hot Tub
KW Elec. Range/Receptacle
KW Oven/Surface Unit
KW Elec. Water Heater
KW Elec. Dryer/Receptacle
KW Dishwasher
HP Garbage Disposal
KW Central A/C Unit
HP/KW Space Heater/Air Handler
KW Baseboard Heat
HP Motors 1/4 HP
KW Transformer/Generator
AMP Service
AMP Subpanels
AMP Motor Control Center
KW Elec. Sign/Outline Light

Administrative Surcharge	\$
Minimum Fee	\$
State Permit Surcharge	\$
TOTAL FEE	\$

U.C.C. F120 (rev. 12/07) 1 White = Inspector Copy 2 Canary = Office Copy 3 Pink = Office Copy 4 Gold = Applicant Copy



PLUMBING SUBCODE
TECHNICAL SECTION



A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 1143 Lot 5 Qualification Code _____

Work Site Location 1930 Route 88

Owner in Fee: Boice Provident Bank

Tel. (201) 538-3215 e-mail _____

Address 830 Bergen Ave, Jersey City

Contractor: Plumbing & Pipe City ^{zip code} 732 417 4444

Address 86 Gibson St City 732 620-0977

Contractor License No. 89417 Exp. Date _____

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. 2221184 FAX: () _____

B. PLUMBING CHARACTERISTICS

Use Group Present _____ Proposed _____

Building Sewer Size 1 1/2" Public Sewer _____ Private Septic _____

Water Service Size 1" Public Water _____ Private Well _____

Est. Cost of Plumbing Work \$ 200

JOB SUMMARY (Office Use Only)		DATES (Month/Day)	
PLAN REVIEW		Failure	Approval
☐ No Plans Required			Initial
☐ Partial - Underslab Utilities Approved			
Date: _____ Approved by: _____			
☒ Plumbing Plans Approved			
Date: <u>4-21-09</u> Approved by: <u>AW</u>			
Joint Plan Review Required:			
☐ Bldg. ☐ Elec. ☐ Fire. ☐ Elev.			
SUBCODE APPROVAL for PERMIT			
Date: _____			
Approved by: _____			
SUBCODE APPROVAL for CERTIFICATE			
☐ CO ☐ CCO ☒ CA			
Date: <u>5-26-09</u>			
Approved by: <u>AW</u>			

C. CERTIFICATION IN LIEU OF OATH
I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

[] Licensed Plumbing Contractor [] Exempt Applicant
Applicant's Signature/Contractor's Seal and Signature

Date Received
Control #
Date Issued
Permit #

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Reset Exist toilet & Sink

FIXTURE/EQUIPMENT

Water Closet

Urinal/Bidet

Bath Tub

Lavatory

Shower

Floor Drain

Sink

Dishwasher

Drinking Fountain

Washing Machine

Hose Bibb

Water Heater

Fuel Oil Piping

Gas Piping

LPGas Tank

Steam Boiler

Hot Water Boiler

Sewer Pump

Interceptor/Separator

Backflow Preventer

Greasetrap

Sewer Connection

Water Service Connection

Stacks

Other

Other

FEE (Office Use Only)

\$ _____

COMMERCIAL

Administrative Surcharge \$

Minimum Fee \$

State Permit Surcharge Fee \$

TOTAL FEE \$



**BUILDING SUBCODE
TECHNICAL SECTION**



A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 1149 Lot 5 Qualification Code _____
Work Site Location 1930 Rt. 88

Owner in Fee: Providence Bank
Tel. (201) 538-3213 e-mail _____

Address 830 Bergen Ave Jersey City, NJ

Contractor: Solar Communications Tel. (732) 390-0698

Address 54 Johnson Pl e-mail _____
South River, NJ

Contractor License No. or Builder Registration No. _____ Exp. Date _____
Home Improvement Contractor Registration No. or Exemption Reason (if applicable): Commercial Work

Federal Emp. ID No. 22-3292377 FAX: 732-967-0353

JOB SUMMARY (Office Use Only)

PLAN REVIEW		INSPECTIONS		Dates (Month/Day)	
	Date	Type	Failure	Approval	Initial
☐ No Plans Required					
☐ All		Footings			
☐ Footings/Foundations		Footings Bonding			
☐ Structural/Framework		Foundation			
☐ Exterior		Slab			
☒ Interior	<u>4/17/09</u>	Frame			
☐ Plan Review Required		Truss Sys./Bracing			
☐ Elec. [] Plumb. [] Fire [] Elevator		Barrier-Free			
SUBCODE APPROVAL for PERMIT		Insulation			
Date: _____		Finishes -Base Layer			
Approved by: _____		Finishes -Final			
SUBCODE APPROVAL for CERTIFICATE		Energy			
[] CO [] CCO [] Fire [] Elevator		Mechanical			
Date: _____		TCO			
Approved by: _____		Other			
		Final			
		Barrier-Free			

B. BUILDING CHARACTERISTICS

Use Group Present B Proposed _____
No. of Stories 1 If Industrialized Building: _____
Constr. Class Present _____ Proposed _____
Height of Structure 24.55 ft. State Approved _____ HUD _____
Area — Largest Floor _____ sq. ft. Est. Cost of Bldg. Work: _____
New Bldg. Area/All Floors _____ sq. ft. 1. New Bldg. \$ _____
Volume of New Structure _____ cu. ft. 2. Rehabilitation \$ 13,000
Max. Live Load _____ 3. Total (1+2) \$ 13,000
Max. Occupancy Load _____ 12,000 sq. ft. (rev. 12/07)

09-0838
4/28/09

Date Received
Control #
Date Issued
Permit #

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application.

Signature _____

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Remove - Non Bearing Partition + Kneewalls
Re-Tile Bathroom
Install New Partitions
Install New Ceiling Tile
Supply New Check Winding Desk
Install Laminated 3/4 Wall

TYPE OF WORK:

- ☐ New Building
- ☐ Addition
- ☐ Rehabilitation
- ☐ Roofing
- ☐ Siding
- ☐ Fence _____ Height (exceeds 6') _____ Sq. Ft.
- ☐ Sign _____ Sq. Ft.
- ☐ Pool
- ☐ Retaining Wall _____ Sq. Ft.
- ☐ Asbestos Abatement Subchapter 8
- ☐ Lead Haz. Abatement NJAC 5:17
- ☐ Radon Remediation
- ☐ Other _____
- ☐ Demolition

FEE (Office Use Only)

\$ _____

Administrative Surcharge \$ _____
Minimum Fee \$ _____
State Permit Surcharge Fee \$ _____
TOTAL FEE \$ _____

1 White = Inspector Copy
2 Canary = Office Copy
3 Pink = Office Copy
4 Gold = Applicant Copy



ELECTRICAL SUBCODE
TECHNICAL SECTION



A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION WHEN CHANGING CONTRACTORS. NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 1130 RTE 58 STE 243 Lot 58 Qualification Code 243
Work Site Location 601-1130 RTE 58 STE 243
Owner in Fee: SUPER INTERMEDIATE LLC E. PROP TAX

Tel. () 609-496-1234 e-mail SCITSDHLE AZ. 85267
Address 1101 SEC SERVICES Tel. () 856-418-9686
Contractor 7525 BROWN HILL RD LEVINTSHURE e-mail 346-200173000
Address 346-200173000 Exp. Date 3-31-10
Contractor License No. 346-200173000 FAX () 856-661-9949
Home Improvement Contractor Registration No. or Exemption Reason (if applicable):
Federal Emp ID No. 531514102 FAX () 856-661-9949

B. ELECTRICAL CHARACTERISTICS

Use Group Present Proposed
[] Pole/Pad # [] Temporary [] Other
Building Occupied as Utility Co.
Est. Cost of Elec. Work \$ 15,000.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW		INSPECTIONS		Dates (Month/Day)	
No Plans Required	Date Initial	Type	Failure	Approval	Initial
☒	<u>6-4-05</u>	<u>6-4-05</u>			
Joint Plan Review Required:					
☐	Building	☐	Plumbing		
☐	Fire	☐	Elevator		
☐	Elec. Plans Approved				
Date: <u>6-4-05</u>					
Approved by: <u>[Signature]</u>					
SUBCODE APPROVAL					
☐	CO	☐	CCO	☐	ICA
Date: <u>6-4-05</u>					
Approved by: <u>[Signature]</u>					
Date of Grounding and Bonding Certification					

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of owner of record and am authorized to make this application and perform the work listed on this application.

Applicant's Signature/Contractor's Seal and Signature

[] Licensed Elec. Contractor [] Certified Landscape Irrigation Contr [] Exempt Applicant

U.C.C. F120 (rev 10/06)

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

SECURITY SYSTEM

FEE (Office Use Only)

QTY. SIZE ITEMS
6 Lighting Fixtures
6 Receptacles
6 Switches
6 Detectors
6 Light Poles
6 Motors—Fract. HP
6 Emergency & Exit Lights
6 Communications Points
6 Alarm Devices (A.C. Panel)
6 110V-120V

TOTAL NUMBERS

13 Pool Permit/with UW Lights
24 Storable Pool/Spa/Hot Tub
1 KW Elec. Range/Receptacle
1 KW Oven/Surface Unit
1 KW Elec. Water Heater
1 KW Elec. Dryer/Receptacle
1 KW Dishwasher
1 HP Garbage Disposal
1 KW Central A/C Unit
1 HP/KW Space Heater/Air Handler
1 KW Baseboard Heat
1 HP Motors 1/4 HP
1 KW Transformer/Generator
1 AMP Service
1 AMP Subpanels
1 AMP Motor Control Center
1 KW Elec. Sign/Outline Light
1 CELL. B. I.P.

Administrative Surcharge \$
Minimum Fee \$
State Permit Surcharge Fee \$
TOTAL FEE \$

Reorder From OCS Printing (609) 390-1400

11/1/05 6/12/09

Date Received
Control #
Date Issued
Permit #

**ADT SECURITY SERVICES
PERMIT FEE REQUEST FORM
TO: STEVE STEVENSON OR ROSANNE WIERZBICKI**

(All information is required to process check)

TODAY'S DATE: _____

CUSTOMER NAME: CHASE BK

CUSTOMER NUMBER: _____ JOB NUMBER: _____

CUSTOMER ADDRESS: 1930 RTE 88
BRICK N.J. 08724

WORK BEING PERFORMED: _____

PERMIT AMOUNT REQUESTED: \$ _____

CHECK PAYABLE TO: _____

CHECK PAYABLE ADDRESS: _____

REQUESTED BY: _____

STATE OF NEW JERSEY
DIVISION OF FIRE SAFETY

This is to certify that: WILLIAM G DAVIS

Has been certified as: C4-FAS

02/28/2007 to 04/30/2010

154889

Issue Date Lapse Date

ID Number

Steven D. Lee
Commissioner



WILLIAM G. DAVIS

State of New Jersey



FIRE ALARM
LICENSE
34FA00139300

EXPIRES: 8/31/2010

DOB: 8/8/1968



WILLIAM G. DAVIS

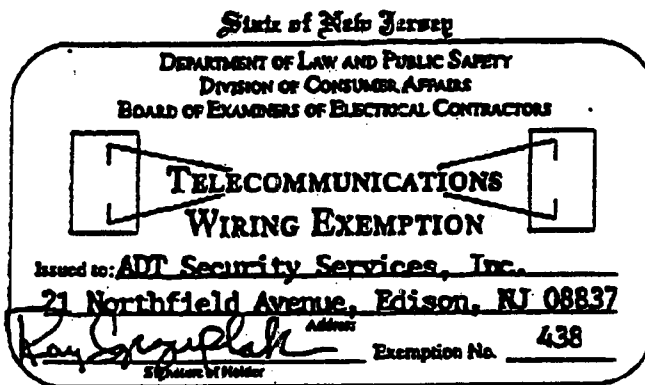
State of New Jersey



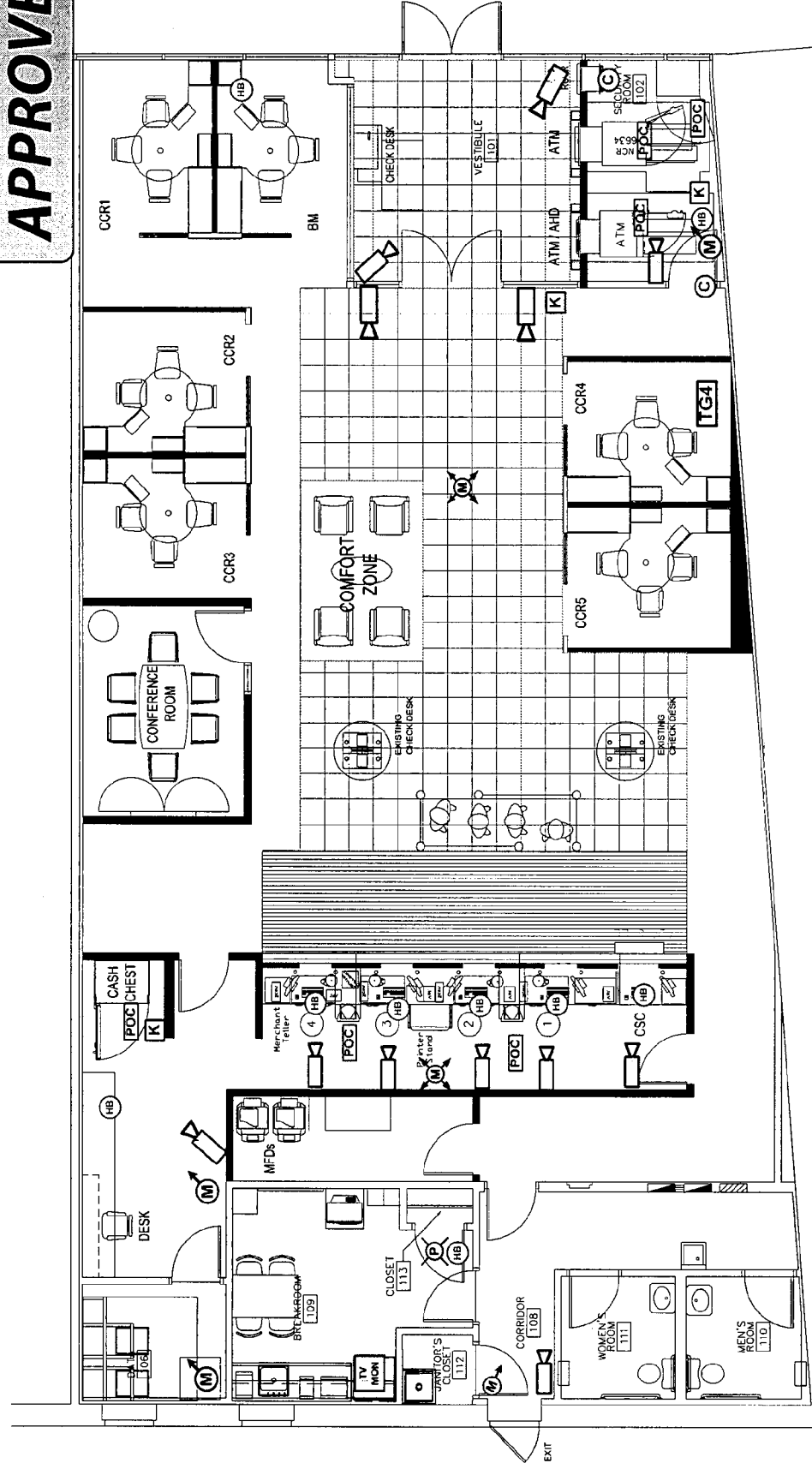
BURGLAR ALARM
LICENSE
34BA00173000

EXPIRES: 8/31/2010

DOB: 8/8/1968



APPROVED



Proposed Floor Plan - WaMu

BRICK BRANCH

1930 State Rte. 88, Brick, NJ

29 JAN 09

3,450 SQ FT

WaMu Bldg ID: 7152



0 1 2 3 4
10' 20' 30' 40' 50'

OFFICES (BM)	0	1	0
CCR (BM/PBs/Partners)	5	5	6
TOS (Partners)	0	0	0
ABM	0	0	0
TELLER OPS MGR	1	0	1
TELLER STATIONS	5	4	4
CONFERENCE ROOM	0	1	1
CSC Station (SSAs)	1	0	1
CSC Relocated on Tellerline ? (Yes / No)	2/1/0	2/1/1	2/1/1
ATMs / AHD / Pkg Rcvr	2/1/0	2/1/1	2/1/1

SECURITY LEGEND	
	CAMERA
	VIDEO MONITOR
	ALARM KEYPAD
	DOOR CONTACT
	HOLDUP BUTTON
	REMOTE INDICATOR LIGHT
	MOTION DETECTOR
	360 MOTION DETECTOR
	POINT OF CONNECTION TO EXISTING DEVICES
	CELL BACK UP

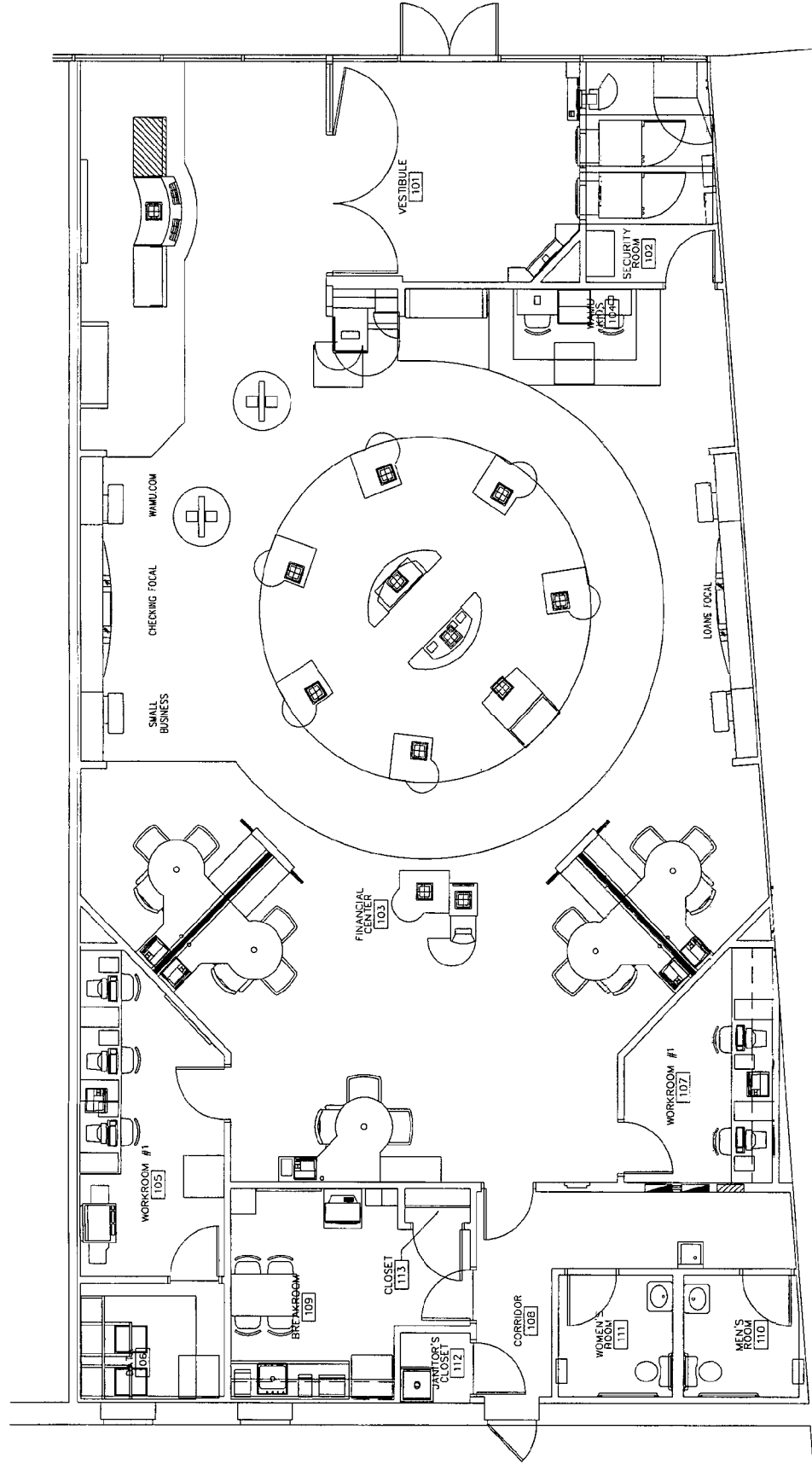
PROPO



ADT Always There®

ADT Security

CONFIDENTIAL



EXISTING



Proposed Floor Plan - WaMu

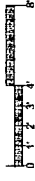
BRICK BRANCH

1930 State Rte. 88, Brick, NJ

29 JAN 09

3,450 SQ FT

WaMu Bldg ID: 7152





Proposed Floor Plan - WaMu

BRICK BRANCH

1930 State Rte. 88, Brick, NJ

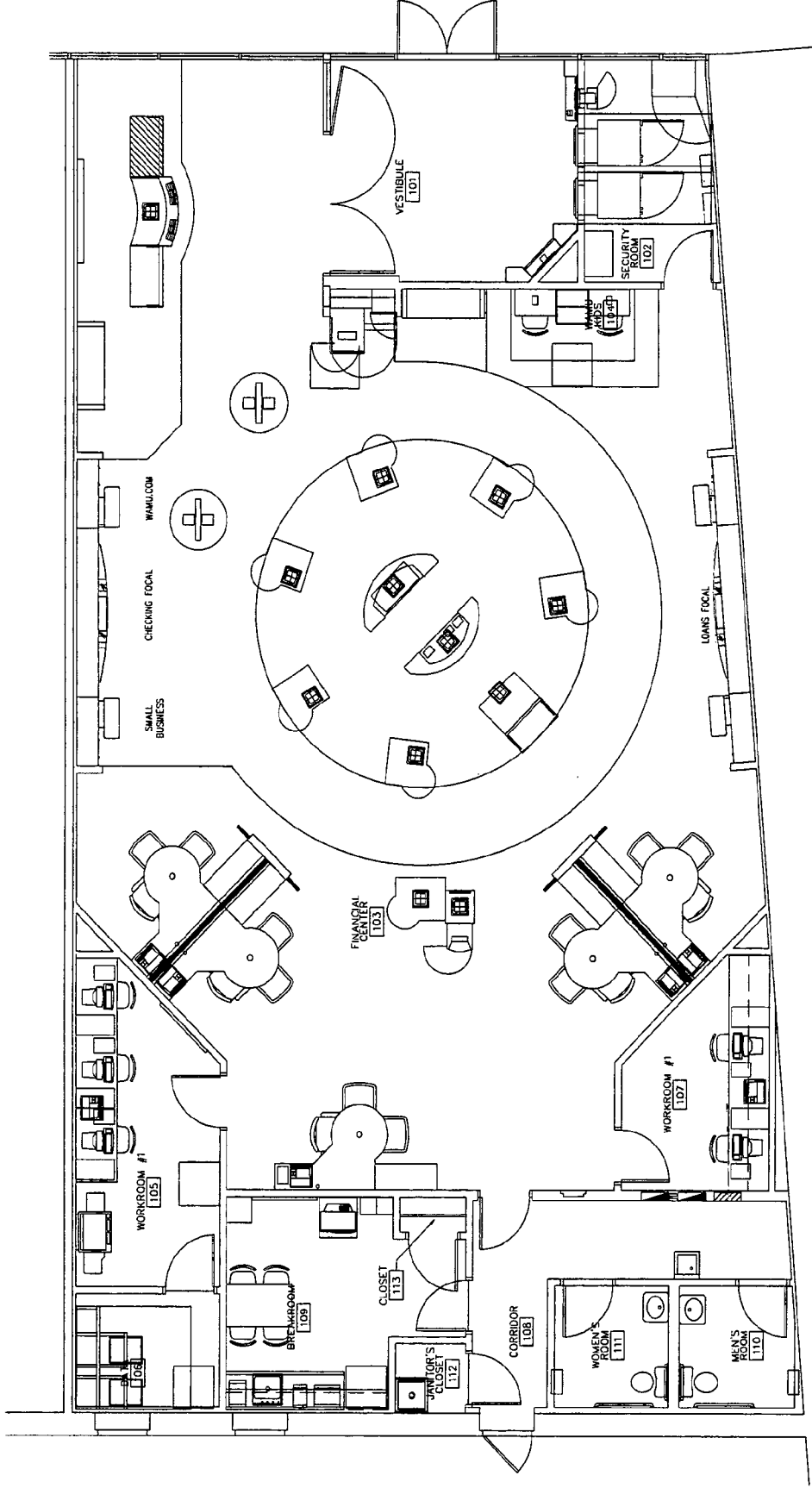
29 JAN 09

3,450 SQ FT

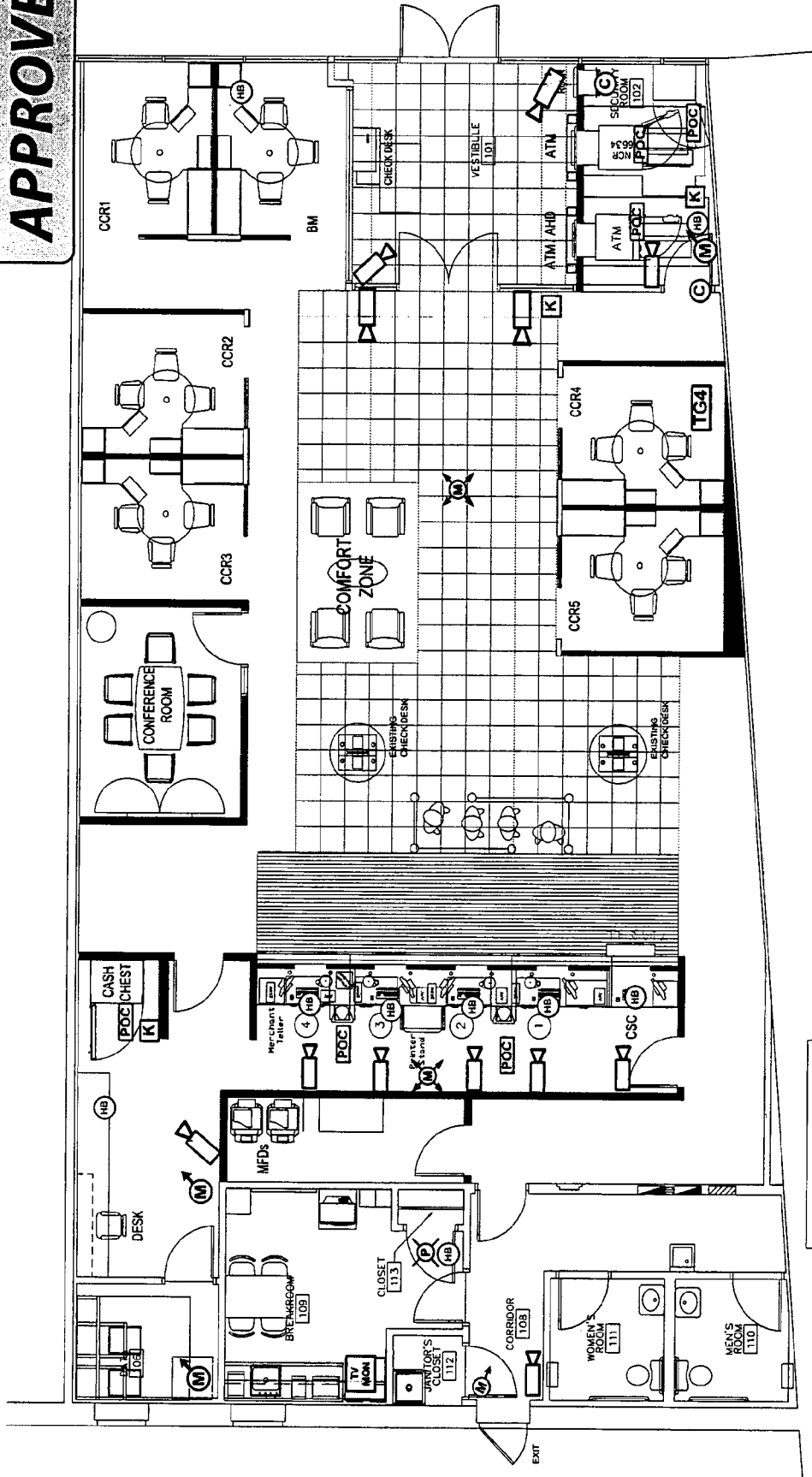
WaMu Bldg ID: 7152



EXISTING



APPROVED



Proposed Floor Plan - WaMu
BRICK BRANCH
1930 State Rte. 88, Brick, NJ
29 JAN 09
3,450 SQ FT
WaMu Bldg ID: 7152



OFFICES (BM)	0	1	0
CCR (BM/PBs/Partners)	5	5	6
TOS (Partners)	0	0	0
ABM	0	0	0
TELLER OPS MGR	1	0	1
TELLER STATIONS	5	4	4
CONFERENCE ROOM	0	1	1
CSC Station (SSAs)	1	0	1
CSC Relocated on Tellerline ? (Yes / No)	2/1/0	2/1/1	2/1/1
ATMs / AHD / Pkg Rcv	2/1/0	2/1/1	2/1/1

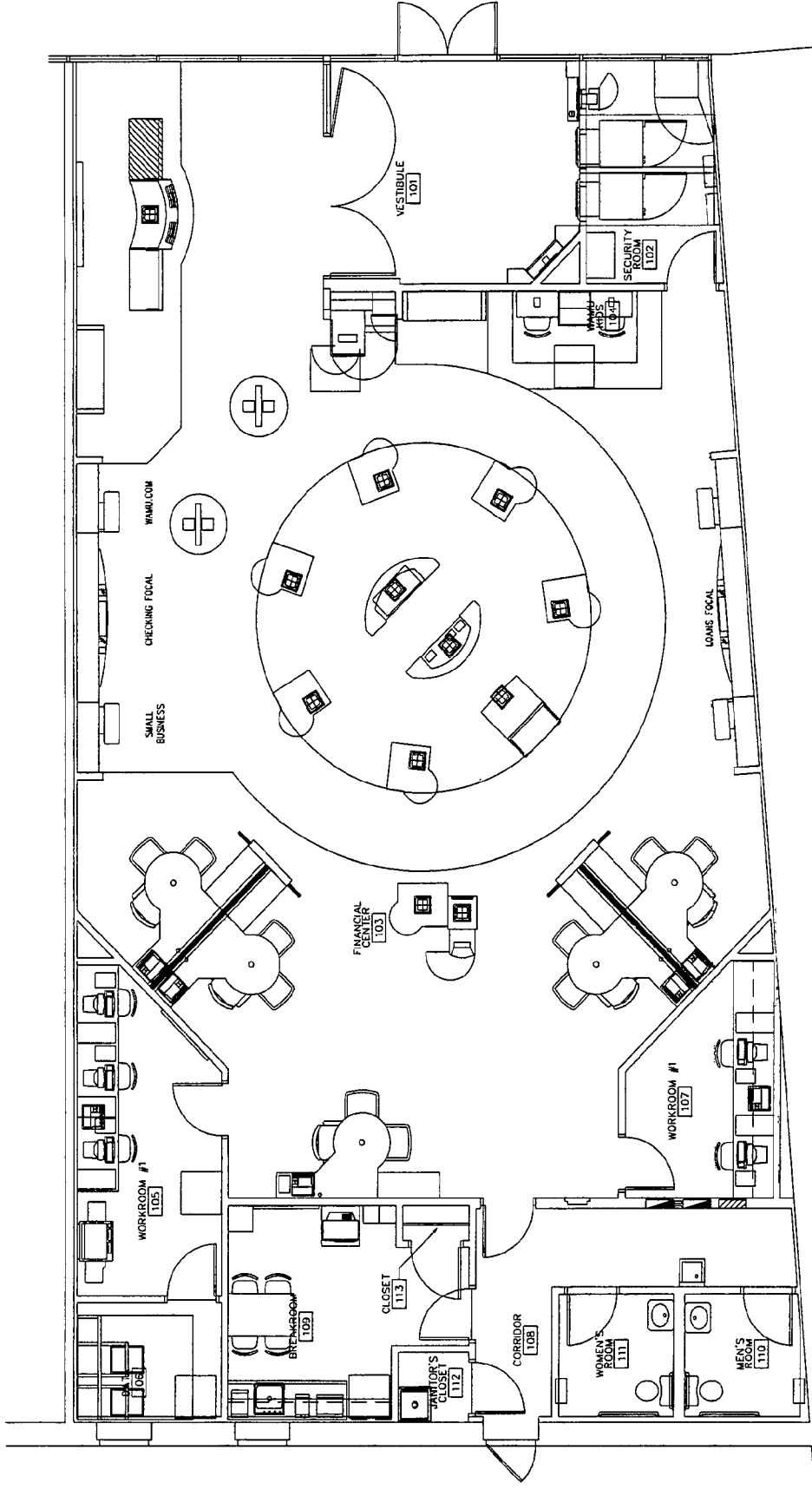
SECURITY LEGEND	
CAMERA	
VIDEO MONITOR	TV MON
ALARM KEYPAD	K
DOOR CONTACT	C
HOLDUP BUTTON	HB
REMOTE INDICATOR LIGHT	P
MOTION DETECTOR	M
360 MOTION DETECTOR	M
POINT OF CONNECTION TO EXISTING DEVICES	POC
CELL BACKUP	TG4

PROPO



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ADT Security
CONFIDENTIAL



EXISTING



Proposed Floor Plan - WaMu

BRICK BRANCH

1930 State Rte. 88, Brick, NJ

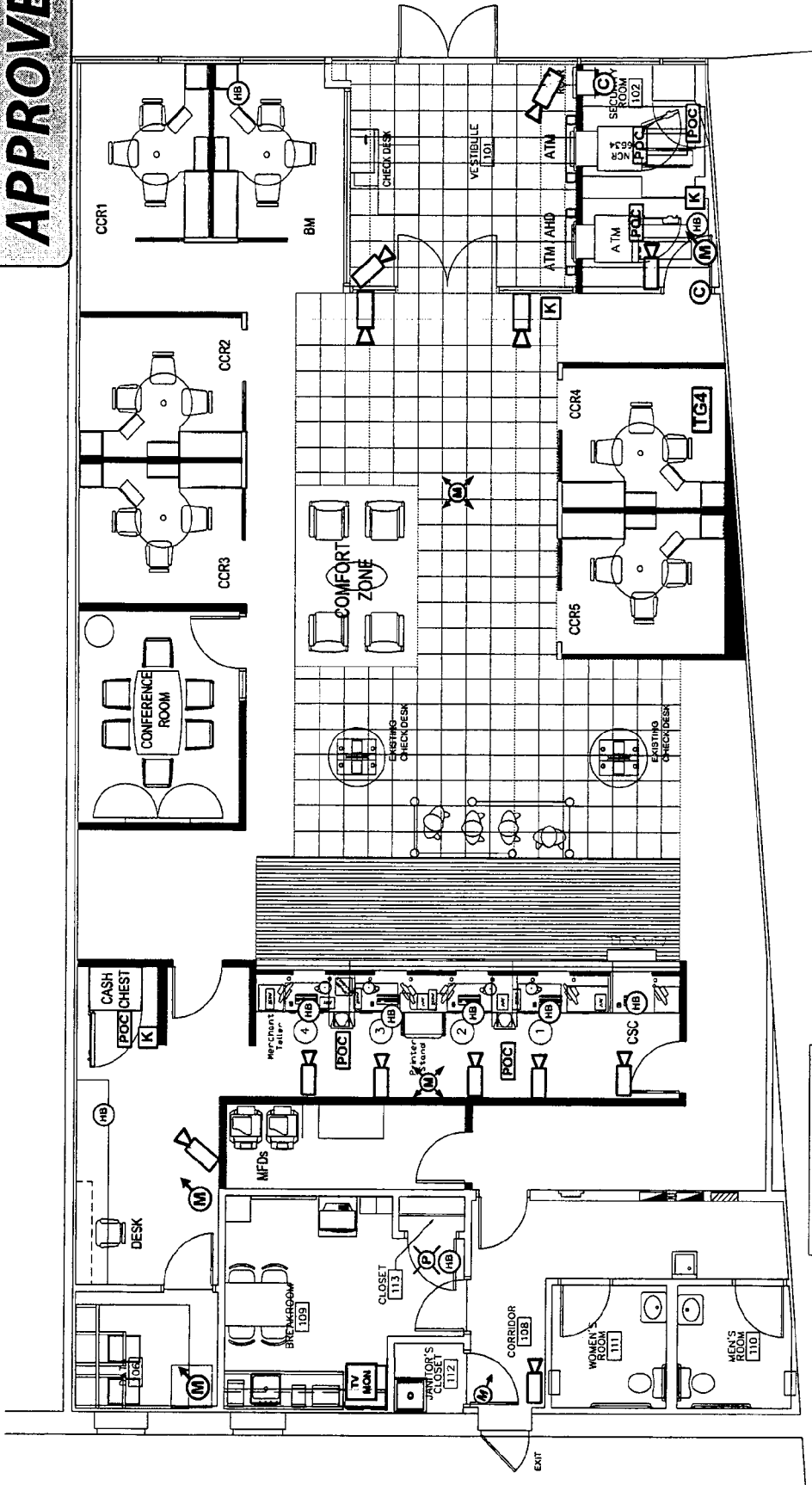
29 JAN 09

3,450 SQ FT

WaMu Bldg ID: 7152



APPROVED



Proposed Floor Plan - WaMu
BRICK BRANCH
1930 State Rte. 88, Brick, NJ
29 JAN 09
3,450 SQ FT
WaMu Bldg ID: 7152



OFFICES (BM)	0	1	0
CCR (BM/PBs/Partners)	5	5	6
TOS (Partners)	0	0	0
ABM	0	0	0
TELLER OPS MGR	1	0	1
TELLER STATIONS	5	4	4
CONFERENCE ROOM	0	1	1
CSC Station (SSAs)	1	0	1
CSC Relocated on Tellerline ? (Yes / No)	2/1/0	2/1/1	YES
ATMs / AHD / Pkg Rcvl	2/1/0	2/1/1	2/1/1

SECURITY LEGEND	
	CAMERA
	VIDEO MONITOR
	ALARM KEYPAD
	DOOR CONTACT
	HOLDUP BUTTON
	REMOTE INDICATOR LIGHT
	MOTION DETECTOR
	360 MOTION DETECTOR
	POINT OF CONNECTION TO EXISTING DEVICES
	CELL BACK UP

PROPO

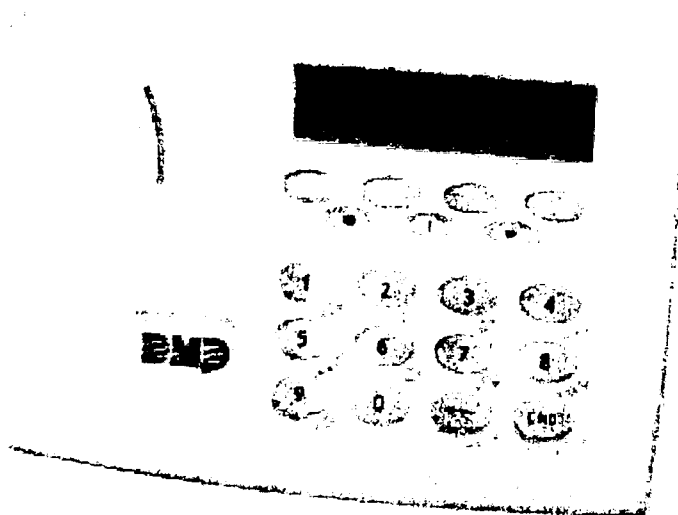


ADT Always There®

ADT Security
CONFIDENTIAL

SPEC SHEET

*The most affordable
codeless arming and
disarming available—
with a slim new look!*



7000 Series Thinline LCD Keypads offer high-quality, cost-effective security control in a stylish, sleek new design.

- Visual and audible alarm notification
- Silence alarm while system remains armed
- Optional integrated proximity reader
- Four optional on-board fully programmable zones
- Retrofit to any DMP panel

Enhanced Options

7063 and 7073 keypad proximity readers accept DMP 1400 Series proximity credentials and HID 1300 Series proximity credentials.

THINLINE LCD KEYPADS 7060/7063/7070/7073

FEATURES

- Attractive Thinline keypad housing available in several colors
- Large, 32-character, Liquid Crystal Display (LCD)
- Custom 16-character home or business name
- Keypad and logo backlighting turns *Red* in alarm conditions
- User-adjustable brightness, tone, and volume controls
- Built-in diagnostics for ease of service
- Simple harness connection to 4-wire keypad bus
- Connect devices directly to keypad zones
- View system events/user activity through keypad display
- AC power and Armed LED
- Suitable for access, burglary, and fire applications
- Distinct fire, burglary, zone monitor, and prewarn tones
- Displays time of day, armed zones, and armed areas
- Optional backboxes for conduit or wall-mount applications
- Unique silence feature allows the user to silence alarm bells and still keep the system armed
- Compatible with all DMP panels

THINLINE LCD KEYPADS

VERSATILE SUPERVISED AND UNSUPERVISED OPERATION

When programmed for supervised operation, the keypad occupies its own unique device address on the keypad data bus.

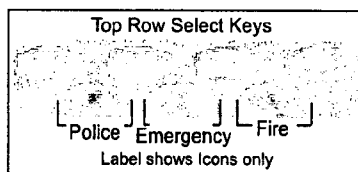
Unsupervised operation allows you to install an unlimited number of keypads set to the same device address. Increasing the number of keypads allows maximum system operating flexibility.

USER-FRIENDLY MENU FUNCTIONS

The User Menu allows you to quickly browse through menu options. Disarming and Arming functions are fast and easy. Any function allowed by the user authority level is simply accessed through the keypad, such as silencing alarms, resetting sensors, or displaying events.

2-BUTTON PANIC KEYS

The top row of keys can be used as 2-button panic keys. The user simply presses and holds two of the keys simultaneously to send either a panic, non-medical emergency, or fire report to the Central Station.



Panic Key Labels

HIGH TRAFFIC AREA PROTECTION

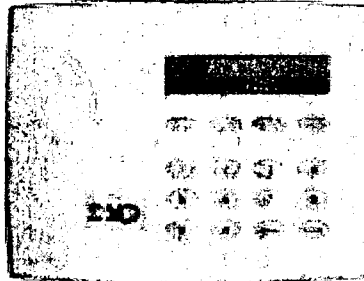
The user presents a proximity credential or enters a user code to access any function. This protection level allows you to install the keypad in high-traffic public areas without danger of unauthorized access.

END-USER CONTROL

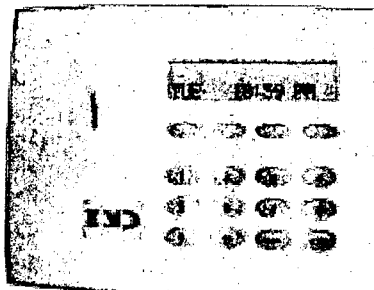
Each of the Thinline Series keypads provides a simple User Options menu for adjusting brightness, speaker tone, and volume.

VALUABLE VISUAL ALARM INDICATOR

In a normal state, both the keypad and logo backlighting remain *Green*. However, during an alarm state, the keypad and logo turn *Red*. The change in color allows persons on-site to instantly recognize an alarm condition.



Red Backlighting



Green Backlighting

DISTINCT SOUND PATTERNS

The keypads also provide distinct sound patterns for fire, burglary, zone monitor, and prewarn that can help users identify the event occurring on their system.

RETROFIT ANY EXISTING DMP SYSTEM

Retrofitting is quick and easy. Thinline keypads have the same footprint as existing DMP keypads and mount in currently installed backboxes. Thinline Series keypads require no special modules or panel upgrades. You can provide a new look and greater functionality to an existing system at just a fraction of the cost of all new equipment.

MULTIPLE-KEYPAD SAVINGS

Install multiple keypads on the same wire run. Compatibility and cost savings make the Thinline Series an asset in every installation.

OPTIONS

The Thinline Series keypads also provide Keypad Options and Keypad Diagnostics menus available only to system installers and service technicians. Enter Keypad Options to set the keypad address and change the default keypad message.

Test the keypad operation at any time without disabling the system. The diagnostics program tests the LCD segments and backlighting, each of the 16 keyboard keys, and the four zones on the 7070 and 7073 keypads.

UNIVERSAL PROGRAMMING TOOL

System installation and programming can be achieved without carrying around or purchasing expensive external programmers since panel and add-on module programming is integrated into DMP Keypads.

Individually program panels, an iCOM Network Alarm Router, iCOMSL Network Alarm Communicator, and other programmable add-on modules directly from the keypad.

7070/7073 FOUR EXPANSION ZONES

Zone expansion is available right on the keypad where you need it the most. The four expansion zones on the 7070 and 7073 models are fully programmable Class B protection zones that can be used for a variety of fire, burglary, and access control applications.

ZONE TYPE SELECTION

Keypad zones can be programmed using the same zone types available on the panel. Select supervised, unsupervised, night, fire, panic, exit, and emergency operation depending on the user requirements.

ZONE DEVICE CHOICES

Connect PIRs, door and window contacts, pull stations, sprinkler tamper switches, and silent panic buttons. Plan the installation to afford the best coverage while eliminating potential problems associated with multiple wire runs.

7063/7073 CODELESS

ARMING AND DISARMING

The innovative 7063 and 7073 Thinline keypads contain an on-board DMP proximity reader that allows users to simply present their DMP 1400 Series proximity credentials to the keypad to gain access to a protected area. For added flexibility, the 7063 and 7073 can also read HID 1300 series proximity credentials.

7073 SOFT-SHUNT®

MOMENTARY BYPASS

To provide an entry and exit window on systems with 24-hour perimeter protection, DMP offers the Soft-Shunt® feature. Soft-Shunt allows the user enough time to enter or exit the area. If the door remains open when the timer expires, a zone open/short is sent to the panel for the keypad Zone 2.

REQUEST-TO-EXIT (REX)

To enable easy user exit from an area, connect a motion sensing or mechanical device to Zone 3 on the keypad. As the user trips the zone, the keypad activates the door strike allowing the user to exit the area without presenting a card or entering a user code.

PRIVATE LABELING

DMP offers dealers the option to present their company logo on the 7000 Series keypads. The logo displays on the rubber logo insert and replaces the DMP logo. The backlighted logo glows *Green* during normal operation and turns *Red* in an alarm state.



Place Your
Logo Here

Logo Location

KEYPAD MODEL FEATURES

Model	2-Button Panic	Red in Alarm	4-Zones	Internal Relay	Internal Prox Reader	Wiegand Input	Internal Form C Door Strike Relay
7060	X	X					
7063	X	X			X		
7070	X	X	X				
7073	X	X	X	X	X	X	X



Digital Monitoring Products

SPEC SHEET

KEYPAD ACCESSORIES

Backboxes

695/696 4" Square Mounting Box

Keypad Wiring Harness

300 4-wire harness
300-5 5-wire harness
300-12 12-wire harness
300-512 12-wire harness, 5 ft. long

HID Proximity Credentials

1306 Prox Patch™
1306PW Prox Patch™
1326 ProxCard II® Card
1346 ProxKey II® Access Device
1351 ProxPass®
1386 ISOProx II® Card

DMP Proximity Credentials (7063, 7073 keypads only)

1410 Proximity Card
1415 Proximity PVC Photobadge
1420 Proximity Key Fob

External Proximity Readers

PP-6005B ProxPoint® Plus Proximity Reader
MP-5365 MiniProx™ Proximity Reader
PR-5455 ProxPro® II Proximity Reader
MX-5375 MaxiProx® Proximity Reader
TL-5395 ThinLine II® Proximity Reader

KEYPAD ORDERING INFORMATION

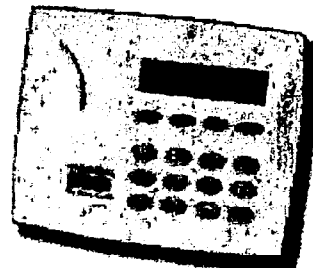
The Thinline Series keypads are available in White, Ivory or Black to compliment any decor. Select from the following options:

7060-W

7063-W

7070-W

7073-W

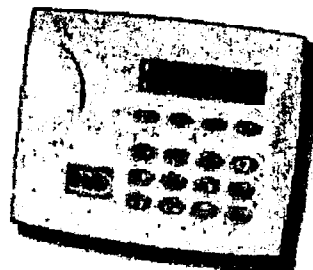


7060-I

7063-I

7070-I

7073-I

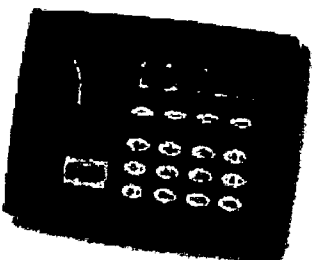


7060-B

7063-B

7070-B

7073-B



SPECIFICATIONS

Operating Voltage 12 VDC
Dimensions 7" W x 5.25" H x 0.5" D
Display Type LCD
Colors White, Ivory, Black

COMPATIBILITY

7000 Thinline Series keypads are compatible with all DMP panels.

CURRENT DRAW

7060 Standby 72mA
Alarm 87mA
7063 Standby 85mA
Alarm 100mA
7070 Standby 72mA + 1.6mA per active zone
Alarm 87mA + 2mA per active zone
7073 Standby 85mA + 1.6mA per active zone
Alarm 100mA + 2mA per active zone

LISTINGS AND APPROVALS

Underwriters Laboratory (UL) Listed

UL 294 Access Control System Units
UL 365 Police Connected Burglar
UL 609 Local Burglar
UL 1023 Household Burglar
UL 1076 Proprietary Burglar
UL 1610 Central Station Burglar
UL 985 Household Fire Warning
UL 864 Fire Protective Signaling

FCC Part 15

RFID Reader FCC ID: CCKPC0086

For additional information, access www.dmp.com and select Compliance.



800-641-4282

www.dmp.com

Made in the USA

INTRUSION • FIRE • ACCESS • NETWORKS

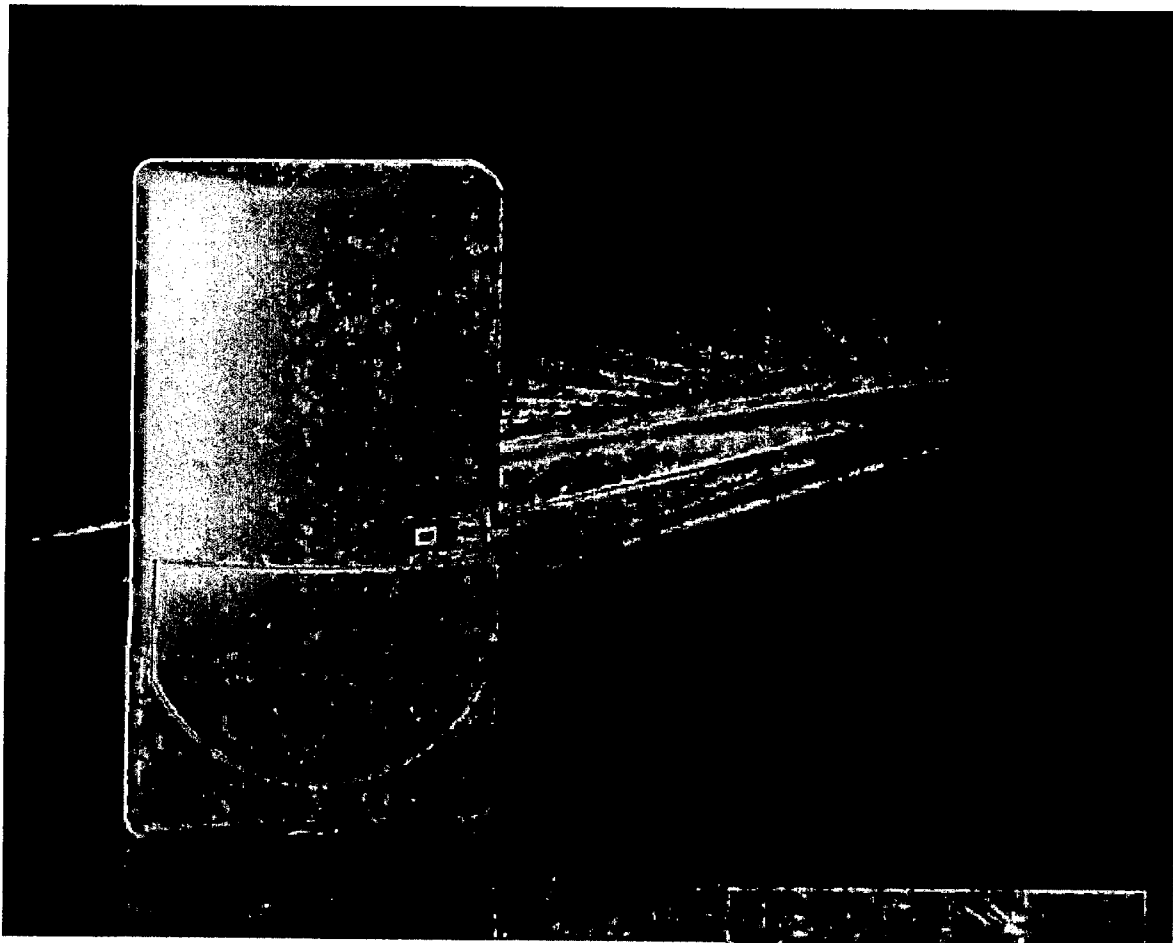
2500 North Partnership Boulevard

Springfield, Missouri 65803-8877



**INTEGRATED PASSIVE INFRARED &
MICROWAVE DETECTOR**

**DX-40/60 STANDARD
40/60 P L U S**



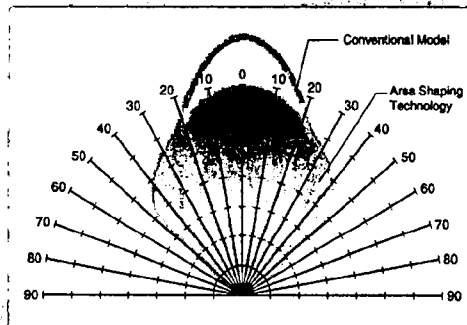
**Combining Quad Zone PIR Technology
and Unique Microwave Detection**

DX-40/60 models are the result of Optex's advanced research with PIR and Microwave technology. Unique advancements include Patent Pending "Microwave Area Shaping Technology" and Spherical Lens PIR technology with Quad Zone Logic. The design of this product offers easy, trouble-free installation in a compact and attractive housing. These models have features necessary to accommodate virtually any installation.



Optex Integrated 1 New Dimensions in S

Microwave Technology Patent Pending "Area Shaping Technology"



Optex Research and Development Department have created a breakthrough in Microwave Detection. The DX-40/60 reduce one of the biggest weak points of microwave detection, that is the penetration of walls and unwanted detection of movement outside the coverage area. In addition, the detection area has uniform sensitivity which minimises false activation's caused by spot movement in the detection area, i.e. small animals. The DX-40/60 are new dimensions in microwave technology.

Microwave Range Selector
Trouble Output Selector
(DX-40/60 Only)

* The shape of Microwave
Unit is different by its frequency.

OPTEX Design and Me
Quick and Easy Installation wi

■ Easy installation and wiring are engineered into this compact housing.

Integrated Microwave &

Improved Tolerance to Spot Movements

No Temperature or Light Disturbance

The DX-40/60 achieve Protection against False Alarms by utilis

Fail-Safe Technology — Automatic Trouble Monitoring

Passive Infrared does not detect through walls and is never affected by movement beyond these boundaries.

Anti-PIR Tamper Function (Patent Pending)

When PIR Detection fails (something near the detector blocking the field of view), a trouble output will generate via the * alarm output (selectable option with DX-40/60) and LED Display.



PIR Tamper Detection

* DX-40/60 PLUS have separate Relay Output

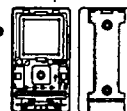
● Microwave Watchdog Circuit (Self-Checking Function)

When microwave operation fails, DX-40/60 automatically switch to single PIR operation in Enhanced Reliability Mode avoiding Missed Alarms.

Trouble-Free Installation

Microwave Area Shaping allows for simple two step adjustment. By making minor adjustments to the Long or Short Range Selector and the Low, Medium, High Sensitivity Volume, the microwave can be shaped to match room size. This technology will not only reduce installation hassle but will reduce false alarms caused by penetration of walls by the microwave detector.

● Wiring Guide & Wide Space at
Terminals —
Increases ease
of installation



● High Visibility LED Display
(3 LED's) —
Selectable
on/off

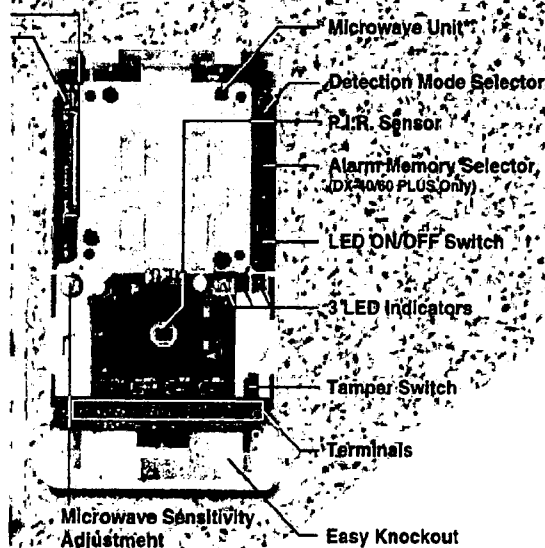


Easy Knockout



● Easy to operate Pin Switches
(with instruction directly on the detector)

Technology offers Sensing Performance



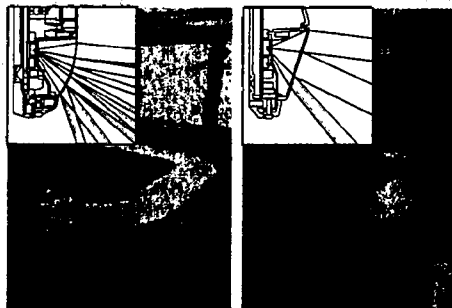
Mechanical Technology

with Unique Compact Housing

- Easy Microwave Area Adjustment:
 - Long or Short Distance Selector Switch
 - Low, Medium or High Sensitivity Adjustment

Passive Infrared Technology

Patented Quad Zone Logic with New Spherical Lens



By utilising Optex Advanced Optical Technology, the DX-40/60 create evenly distributed sensitivity throughout the detection area.

Accurate focus creates even sensitivity and high resistance to spot temperature changes. Other detectors may have inconsistent detection creating hot spots (false alarm can occur) and dead spots (no detection).

In addition, the New Spherical Lens contributes to a superior aesthetic appearance which end users will appreciate.

Passive Infrared Technology

Re-Enforced with Electronic Analysis

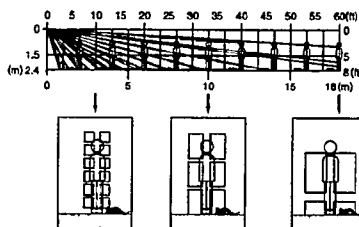
No Penetration

sing an integrated analysis of both PIR and Microwave signals.

Detection Area Size Configuration

"Microwave Area Shaping Technology" and "Quad Zone Logic"

The Microwave Area can be easily shaped to fit the desired area and have even sensitivity. In addition, Quad Zone Logic in the PIR provides high tolerance to spot temperature changes and movements caused by small animals, heating vents, moving curtains and vibrations caused by big machinery.



No False Alarms due to Penetration through walls

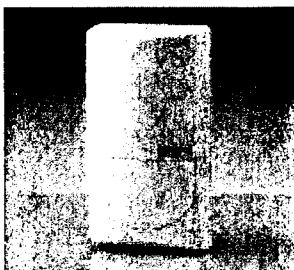
Passive Infrared does not detect through walls and is never affected by movement beyond these boundaries.

No False Alarms by Spot Temperature Changes

DX-40/60 are not affected by spot temperature changes or by sunlight caused by the movement of sunlight through a detection area.

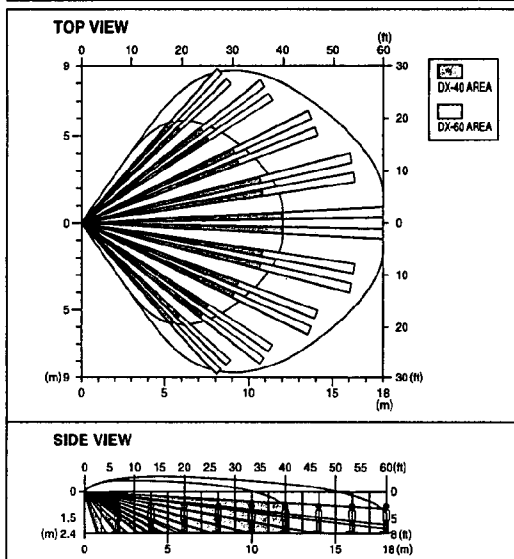
Enhanced Sealed Optics (Patent Pending)

DX-40/60PLUS Enhanced Model



- Separate Relay Output for Automatic Trouble Monitoring
- Alarm Memory, Selectable Positive or Negative Input
- LED Remote On/Off Control Input from Control Panel

DETECTION AREA



OPTIONAL BRACKETS



FA-1W
Wall Mount Bracket,
Adjustable $\pm 45^\circ$ Horizontally,
0-20° Vertically Downwards



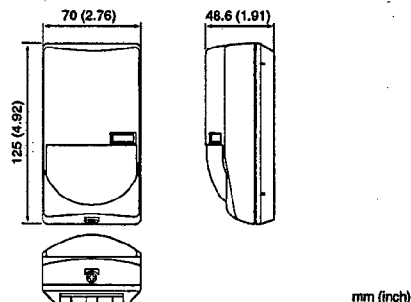
FA-3
Compact Wall & Ceiling Mount Bracket
Adjustable $\pm 45^\circ$ Horizontally,
0-10° Vertically Downwards

SPECIFICATIONS

DX-40/60	
Detection method	Passive Infrared and Microwave
Coverage	40ft x 40ft (12m x 12m) 85' wide 60ft x 60ft (18m x 18m) 85' wide
Detection zones	82 zones (PIR)
Mounting height	5 - 8ft (1.5 - 2.4m) 6 - 8ft (1.8 - 2.4m)
Sensitivity	3.6°F (2°C) at 2ft/s (0.6m/s), 40ft (12m) 3.6°F (2°C) at 2ft/s (0.6m/s), 60ft (18m)
Detectable speed	1 - 5ft/s (0.3 - 1.5m/s)
Alarm period	Approx. 2 sec
Alarm output	N.C. 28VDC 0.2A max.
Tamper switch	N.C., Open when cover is removed.
Warm-up period	Approx. 30 sec
LED indicator	Flicker during warm-up RED : ALARM, ALARM MEMORY and TROUBLE indicator YELLOW : MW and TROUBLE indicator GREEN : P.I.R. and TROUBLE indicator
Power input	9 - 18VDC
Current draw	12mA (normal), 35mA (max.) at 12VDC
RF interference	NO Alarm 30V / m
Operating temperature	14°F - 122°F (-10°C - +50°C)
Environment humidity	95% max.
Microwave frequency	10.525GHz
Weight	5.3oz (150g)

DX-40/60PLUS	
Current draw	17mA (normal), 40mA (max.) at 12VDC
D.L. terminal	LED remote control terminal
Alarm memory	Selectable positive and negative control
Trouble output	N.C., 28VDC 0.2A max.
Microwave frequency	10.525GHz

DIMENSIONS



*Specifications and design are subjected to change without prior notice

NOTE: This unit is designed to detect movement of an intruder and activate an alarm control panel. Being only a part of a complete system, we cannot accept responsibility for any damages or other consequences resulting from an intrusion. This product conforms to security product category of EMC Directive 89/336 EEC.



OPTEX CO., LTD. (ISO 9001 Certified by LRQA)
4-7-6 Nishinaka Otsu, 520-0801 Japan
TEL: (077) 524-4047 FAX: (077) 522-8022

OPTEX INCORPORATED
1845 W. 206th St. Torrance, Ca. 90501-1610 U.S.A.
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OPTEX (EUROPE) LTD. (ISO 9002 Certified by NQA)
Chiswick Road, Chiswick Park, Maidenhead, Berkshire, SL4 7BU U.K.
TEL: (01828) 631000 FAX: (01828) 636311

No. 75020-02-5130-0003

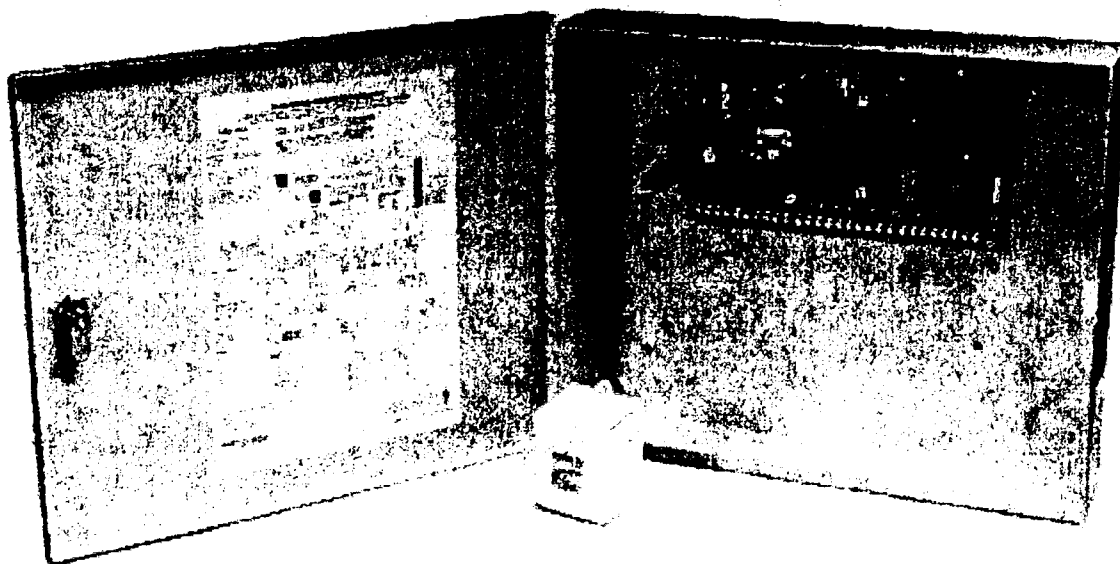
SPEC SHEET



**NETWORK
MONITORING!**



*The most impressive array
of integration features*



- UL Listed for Burglary, Fire, Access Control
- Suitable for Bank and Government installations
- On-board Ethernet connection
- Flash Updateable
- Built-in AES Rijndael Encryption

DMP XR500 Series Command Processor™ Panels meet all your burglary, fire, and access control applications needs.

XR500 SERIES ACCESS/BURGLARY/FIRE 574-ZONE COMMAND PROCESSOR™ PANEL

SYSTEM FEATURES

- Flash updateable: No more firmware chips to replace
- 32 individual reporting areas, with common areas
- Up to 16 supervised door access-points and/or keypads
- Output Groups: Maximum functionality—Minimum programming
- Up to 502 fully-programmable Form C relays
- Up to 562 two-wire smoke detector or fire initiating zones
- 10,000 user codes with 99 profiles
- 12,000 event buffer
- Up to four independent Shift schedules per area OR use one Shift schedule to control all areas
- Up to 100 output schedules to control relays and panel outputs
- Up to 20 holiday dates for shift and output schedules
- Optional user authority to temporarily extend Shift schedules
- Serial 3 digital dialer or CID reporting to multiple receivers
- Built-in phone line monitor
- Built-in DB-9 RS-232 or LX-Bus (Selectable)

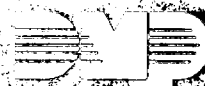
- Multi-lingual menus available 
- Built-in remote or on-site feature upgrade capability
- 1.5 Amps 12 VDC smoke and auxiliary output with OVC protection
- 16.5 VAC 50 VA plug-in transformer included
- 1.5 Amps 12 VDC supervised bell output
- Multiple on-board status LEDs

XR500N/XR500E SYSTEM FEATURES

- On-board Ethernet
- Bank, Safe and Vault Operation
- Two Man Rule, Panic Button Test, and Early Morning Ambush

XR500E SYSTEM FEATURES

- Built-in AES (Advanced Encryption Standard) Rijndael Encryption
- NIST Certified and UL Listed Encryption
- Unique user-programmable passphrase for greater security



XR500 SERIES

NETWORK COMMUNICATION

The XR500N Network version is the perfect solution for multi-site applications where the Internet or LAN/WAN is available.

Built-in Ethernet communication enhances network options and provides UL High Line Security (UL AA). Both UDP and TCP communications are supported.

ENCRYPTION

In addition to all the XR500N capabilities, the XR500E offers AES (Advanced Encryption Standard) Rijndael Encryption to ensure secure data transmission by using a unique alphanumeric passphrase. The XR500E does not require a separate router to provide encrypted data transmission and is ideal for secure environments where encrypted data is required. UL Listed and NIST Certified Encryption.

COMMUNICATION

The XR500 Series is unmatched in its communication capability with Serial 3 digital dialer, CID, and Network Monitoring. In addition, the XR500 Series can report to multiple central station receivers. DMP Serial 3 format supports 16-character user, zone, and area names to decrease the central station response time and limit dependence on automation literal tables for message conversion.

BUILT-IN PROGRAMMER AND

DIAGNOSTICS

No programming device required, enabling installers and service technicians to fully program the system and run diagnostics from any DMP LCD keypad. Check the electrical state of zones, find individual zone numbers, check the LX-Bus for Missing, Overlapping and/or Extra zones, and much more, all from any DMP LCD keypad.

FIRE DRILL AND ONE-MAN WALK TEST

Users can test fire notification bells using the Fire Drill feature. A special code is also available for installers to test the system. The one-man walk test feature allows a single technician to check the panel response to burglary, fire, panic and supervisory zones.

FEATURE UPGRADES

Using a unique feature key from DMP Customer Service, additional feature upgrades can be automatically enabled on-site or remotely using Remote Link™ software.

FLASH UPDATEABLE

The XR500 Series panel accepts software updates from a remote location using Remote Link™ software. When new XR500 feature updates release, perform the flash update remotely. No need to make a trip to the site to update the panel with the latest software version.

ZONE EXPANSION

The XR500 provides up to 574 zones, programmable for burglary, fire, and access applications. The system contains eight burglary zones and two Class B 12 VDC powered zones. Up to 64 zones are available on 16 keypad addresses and up to 100 zones are available on the built-in LX-Bus. Add up to 500 zones using Expansion Modules.

AREAS

Program up to 32 areas with a variety of options, including independent arming. Each area has a unique name and may have its own account number.

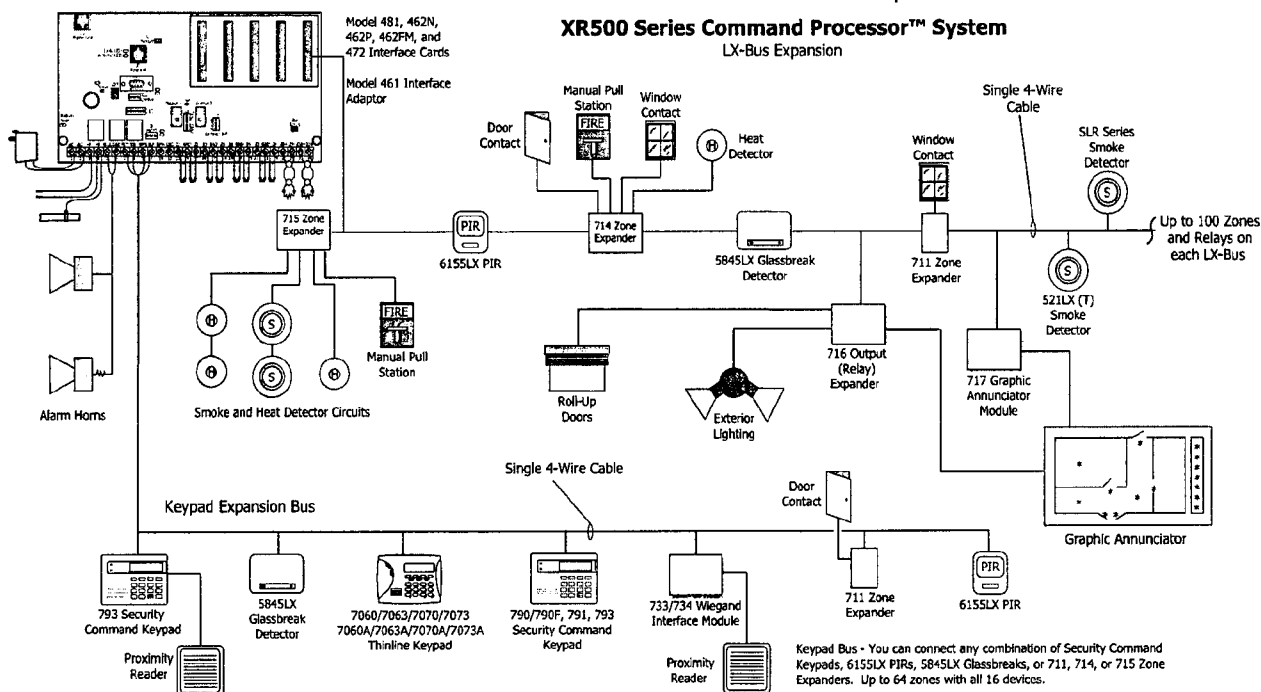
Common areas automatically arm when the last independent area is armed, and disarm when the first independent area is disarmed. This is ideal for lobbies or areas where users need common access to specific areas only.

AREA DISPLAY

To provide maximum system flexibility, any combination of areas may be assigned to a particular keypad. In this manner, a 32-area system could function as 16 mini-systems, each having two areas of protection that are controlled from a single keypad.

CROSS-ZONING

This powerful feature allows zones to be programmed to report alarms only when one or more zones trip twice within 4 to 250 programmable seconds. If only one zone trips within the specified time, a fault report is sent to the central station.



NEW! DMP WIRELESS**(AVAILABLE SUMMER 2005)**

The easily programmable 900MHz frequency-hopping spread-spectrum DMP 1100 Series wireless system features two-way communication for superior operation, supervision, and battery life. Two-way communication minimizes repetitive signaling and helps to quickly identify missing transmitters. Simple keypad access can be used to verify wireless device zones are in working order.

EXISTING WIRELESS

Expand the XR500 Series panels with several wireless options including the FA400-DMP Inovonics Wireless Receiver, FA426 Inovonics Remote Wireless Receiver, 738A Ademco Wireless Expansion module, or 738I ITI Wireless Expansion module.

10,000 USER CODES

Each user can be assigned to one of 99 different Profiles that provide access to any combination of areas.

OUTPUTS

The XR500 allows the use of two SPDT relay outputs and four open collector outputs, which may be activated by zone or system events, by schedule, through the User Menu or when a card is presented. Output Groups allow multiple outputs to activate with a single event and/or can be assigned to a particular user profile. Up to 500 outputs are available on the XR500 LX-Bus when optional output expanders are used.

OUTPUT SCHEDULES

Achieve maximum system flexibility with 100 programmable schedules that simplify planning and operations. Control any contact-activated device with schedules that automatically regulate relays and switched-ground outputs.

DOOR STRIKE SCHEDULES WITH OVERRIDE

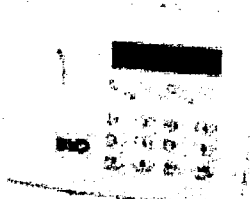
Specific doors may use output schedules to unlock during certain times of the day or night, or the card reader can be completely disabled when desired. The schedule override feature keeps doors locked should the business open late or close early for whatever reason.

SHIFT SCHEDULES WITH HOLIDAYS

Up to four independent Shift schedules are available for each of the 32 areas. Shift schedules are used when areas are programmed to automatically arm or disarm and to transmit area Late-to-Close reports. Shift schedules are assigned to user authorities, called Profiles, to define scheduled permissions for system users. Override normal day-to-day schedules up to a year in advance with up to 20 user-selectable Holiday Dates. Independent holiday schedules are available for each shift, output, and door-strike schedules.

NEW! THINLINE/AQUALITE™ KEYPADS

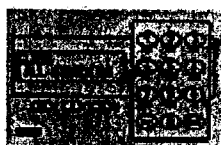
The stylish and sleek 7000 Series keypads provide three 2-button Panic keys, AC power and Armed LEDs, 32-character display, backlit logo and keyboard plus an internal speaker. Aqualite Series keypads (available Summer 2005) retain all of the same features as the 7000 Series, with the addition of a brilliant blue LCD display and backlighting. Both designs are available in White or Black. Select models are also available in Ivory (Thinline Series) or Platinum (Aqualite Series). Both keypad designs are backward compatible, making the transition to Thinline keypads quick and easy.



Thinline and Aqualite - Backlit keys and logo turn Red during an alarm.

NEW! 7760 GLASS KEYPAD

An attractive new user interface featuring a glass touchscreen instead of traditional keys. Available in White, Black or Platinum, the 7760 adds elegance and style to any installation.



Blue touchscreen display turns Red for alarm conditions.

16 INDEPENDENT ACCESS CONTROL DOORS

Any access control reader with a 26-40 bit Wiegand output can be connected to the XR500 Series panel. Attach card reader inputs to up to 16 different locations.

ACCESS CONTROL

The XR500 system can restrict access for several reasons such as a schedule or armed area. The specific reason for access denial can be displayed on the keypad, stored in events, logged on a local printer (DMP 462P required), sent to the central station and to DMP Advanced Reporting software.

AUTOMATIC BURGLARY SYSTEM DISARMING

Since the XR500 is an integrated burglary, fire, and access control system, it may be configured so that a user may gain access and disarm the site in a single card read!

ANTI-PASSBACK

Specific doors and readers can be designated for access to, or egress from, specific areas in the system. This operation requires users to card in and card out of a specific area. Users failing to egress the area are not allowed access into the area again until forgiven by the system administrator.

12,000 EVENT MEMORY

The Display Events feature allows users to view up to 2,000 stored openings and closings, zone events, user code and schedule changes, and supervisory events. Sort events by a particular user, door, and date range. The remaining 10,000 events detail door access granted events separately for easy review. Events may be viewed at any system keypad or uploaded to Remote Link™ software.

EVENTS MANAGER

Save dial-up monitoring costs by using the Events Manager option to buffer specific non-alarm reports. Automatically download them to the receiver when memory is full or keep them in memory until downloaded with DMP Remote Link™ Software.



Digital Monitoring Products

XR500 SERIES

KEYPADS

- 7000 Series Thinline Keypads
- 7000A Series Aqualite Keypads
- 7760 Glass Keypad
- 630F LCD Remote Fire Command
- 690/790 Series LCD Security Command
- ePAD™ Virtual Keypad

EXPANSION MODULES

- 708 Bus Extender
- 710/710F Bus Splitter/Repeater
- 711 Single Zone Expansion
- 712-8 8-zone Expansion
- 714 4-zone Class-B Expansion
- 714-8 8-zone Class-B Expansion
- 714-16 16-zone Class-B Expansion
- 715 4-zone 2-wire smoke Expansion
- 715-8 8-zone 2-wire smoke Expansion
- 715-16 16-zone 2-wire smoke Expansion
- 716 Output Expansion, 4 Form C relays, 4 open collector outputs
- 717 Graphic Annunciator: 20 open collector outputs
- 725 4-zone Expansion, 24 VDC
- 736P Radionics Interface
- 739 X-10 Interface

INTERFACE CARDS

- 461 Interface Adaptor Card
- 462FM 9600 Baud Modem
- 462N Network Interface Card
- 462P Printer Interface Card
- 472 Inovonics Wireless Interface Card
- 481 Expansion Interface Card

AUXILIARY MODULES

- 860 Relay Output Module
- 865 Style Y/Z Notification Circuit Module
- 866 Style W Notification Circuit Module
- 867 LX-Bus Notification Circuit Module
- 869 Style D Initiating Circuit Module
- 893A Dual Phone Line Module

NOTIFICATION APPLIANCES

- 800 Series Horns and Strobes
- 900 Series Horns and Strobes

POWER SUPPLIES

- 502-12 2 Amps @ 12 VDC
- 504-24/LX 4 Amps @ 24 VDC
- 505-12/LX 5 Amps @ 12 VDC
- 505-12L 5 Amps @ 12 VDC
- 505-12A 5 Amps @ 12 VDC
- 508 8 Amps @ 12 or 24 VDC

PULL STATIONS

- 850 Series Pull Stations

SMOKE/HEAT DETECTORS

- SLR Series Addressable Smoke/Heat
- 521B/BXT Conventional Smoke, CleanMe
- 521LX/LXT Addressable Smoke/Heat, CleanMe
- 600 Series Heat Detectors

TRANSFORMERS

- 322 Wire-in 56 VA
- 327 Plug-in 50 VA
- 323 Wire-in 56 VA (350 or 350A battery enclosure required)

INTRUSION DETECTORS

- Sentrol® Contacts and Sensors
- Optex PIRs
- Potter Contacts and Sensors
- Tane Contacts and Water Sensors
- Virtually any other Intrusion Detectors

ACCESS CONTROL

- 733 or 734 Wiegand Interface Module
- OP-08CB REX Motion Detector
- PB-2 Request-to-Exit Button
- Proximity Readers and Credentials
- DMP ProxPatch

WIRELESS PRODUCTS

- FA400-DMP Wireless Receiver
- FA426 16-point 900MHz Receiver
- 738A Ademco 32-point Expansion Module
- 738I ITI 96-point Expansion Module

SELECT DMP WIRELESS

(AVAILABLE SUMMER 2005)

- 1100D Wireless Receiver
- 1101 Universal Transmitter
- 1102 Universal Transmitter, External Contact
- 1121 Pet Immune PIR Motion Detector
- 1125 PIR Motion Detector
- 1129 Glassbreak Detector
- 1142 Two-Button Panic Transmitter

ACCESSORIES

- 300 Four-wire Harness
- 303 Silence/Reset Push-Button
- 305 Plug-in Output Relay
- 306 Tamper Harness
- 307-5 Screw-On Tamper Switch
- 3012 Clip-On Tamper Switch
- 335 Intrusion Siren
- 370 Lightning Suppressor
- 374 Surge Voltage Suppressor
- 431 Output Harness
- 861 Power Distribution Module

CENTRAL STATION RECEIVERS

- SCS-1R Security Control Receiver
- SCS-105 Single-Line SDLC Receiver
- NRL-101 Network Interface Card for Sur-Gard MLR2-E
- Compatible with Central Station Receivers that accept Standard CID, DD, or DMP Serial 3 messaging

COMPUTER SOFTWARE

- Remote Link Upload/Download Programming Software
- System Link End-User Management Software
- Alarm Monitoring Module
- Command Center Module
- Advanced Reporting Module
- Account Groups Module
- Link Server Management Software

SYSTEM SPECIFICATIONS

- Primary Power (included) 16.5 VAC 50 VA transformer
- Secondary Power 12-VDC Battery
- Models 365, 366, 367, 368 or 369
- Output Rating
- Bell 1.5 Amps at 12 VDC
- Smoke and Auxiliary 1.5 Amps at 12 VDC
- Current Draw 180mA
- Enclosures:
- Material Cold-rolled steel
- Model 350 (Gray) 17.5" W x 13.5" H x 3.5" D
- Model 350A (Gray or Red) 17.5" W x 13.5" H x 3.75" D
- Model 352P (Gray) 14.5" W x 32" H x 4.0" D
- Model 341 (Gray) 12.75" W x 6.55" H x 2.9" D

LISTINGS AND APPROVALS

- Refer to the XR500 Series Installation Guide (LT-0681), XR500 Series Programming Guide (LT-0679) and specific compliance listings for installation and programming requirements necessary to meet a particular approval.
- Underwriters Laboratories (UL) Listed
 - UL Bank, Safe, and Vault
 - UL Encrypted High Line Security
- Underwriters Laboratories Canada (ULC) Listed
- NIST Validated XR500E Encrypted Command Processor Certificate #130
- California State Fire Marshal (CSFM)
- FCC Part 15
- FCC Part 68
- For additional information, access www.dmp.com and select Compliance.



Digital Monitoring Products

800-641-4282

www.dmp.com

Made in the USA

INTRUSION • FIRE • ACCESS • NETWORKS

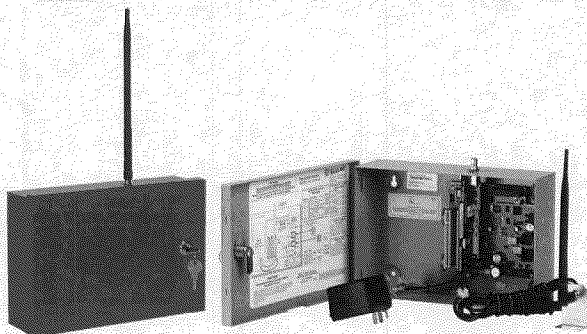
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Springfield, Missouri 65803-8877



TELULAR
CORPORATION

Telguard[®] Digital with full data



A New Generation of Digital

Telular takes security data transmission to a new level with Telguard Digital. This advanced generation product transmits full data from virtually all security & fire systems to central stations using the nationwide GSM digital cellular network.

Telguard Digital technology allows full data reporting for unlimited point-to-point signal details, and maximum allowable transmitting power for superior in-building penetration. Telguard Digital products are easy to install, UL Listed, and E911[®] voice service available on specific models.

Other features include:

- Auto format detection for a true plug and play set up
- Security supervision with automatic self test & 2 system trouble outputs
- Advanced encryption technology for secure communications
- E911[®] Emergency Phone Service using standard telephone equipment
- Telephone Line Monitor (TLM) built-in
- Easy, fast & economical activation with Telular Cellular Service
- Nationwide GSM digital network coverage
- Support for partitioned and multi-account alarm panels



RESIDENTIAL



COMMERCIAL



FIRE

TG-7 Full Data Model

UL Listed for Primary Residential and Commercial Supplemental use. Complete with beige key locking metal enclosure, and telephone line monitor.

TG-7F Commercial Fire Model

UL Listed for Commercial Fire use – UL 864. Complete product with red key locking metal enclosure and telephone line monitor.

TG-7FM

M version of TG-7F model adds TG-MC for modem lle and llla[®] formats.

TG-7A Bank Model

UL Listings for Bank, Safe & Vault, Commercial Grade A Burglary and Commercial Fire. Includes an attack resistant enclosure with anti-tamper switch and telephone line monitor.

TG-8 Full Data & Voice Model

UL Listed for Primary Residential and Commercial Supplemental use. Emergency phone service allows a call to E911 using standard telephone equipment. Complete with beige key locking metal enclosure, and telephone line monitor.

TG-8A Bank & Voice Model

Ideal for the most demanding commercial burglary applications, with UL Listings for Bank, Safe and Vault, Commercial Burglary Grade A and Commercial Fire. Emergency phone service allows a call to E911 using standard telephone equipment. Complete with attack resistant key locking enclosure, anti-tamper switch, and telephone line monitor.

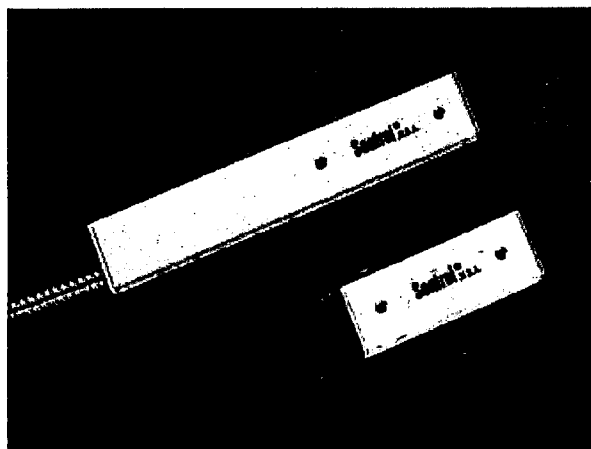
TG-MC Modem Card

Telguard Digital Modem Card adds modem lle and llla[®] format capability to any TG-7 or TG-8 model.

The 1st name in Cellular Communications

S E N T R O L

P R O D U C T I N F O R M A T I O N B U L L E T I N



2515A MAXI-GAP™ MAGNETIC CONTACT

Industrial Extra Wide Gap

Model number: 2515A



- Optimal Maxi-Gap™ configuration
- Ideal for poor fitting overhead doors
- Fewer false alarms
- Fewer service calls
- Reduced installation time
- Mounting hardware included

The Sentrol 2515A Maxi-Gap™ magnetic contact is designed for loose or poor fitting overhead doors. The contact helps prevent or correct false alarm situations created by doors that do not line up properly, sag, or that are loose and move with wind or vibration. The channel mount unit is equipped with the unique Maxi-Gap™ feature that allows a vertical gap distance of 6" and an overall side-to-side gap of 6". The contact features a rugged extruded aluminum housing potted with Sentrol's exclusive polyurethane potting compound.

continued

Sentrol 2515A Maxi-Gap™

Architects and Engineering Specifications

The contact shall be a hermetically sealed reed switch nominally 6.12"L x 1"H x 0.50"D with actuating magnet. Mounting holes shall be on 2" centers. Contact and magnet shall be in brushed anodized extruded aluminum tube housing. Contact shall be sealed in Sentrol's exclusive polyurethane potting compound. Mounting brackets shall be furnished with contact. Contacts shall be specified as Sentrol part number 2515A.

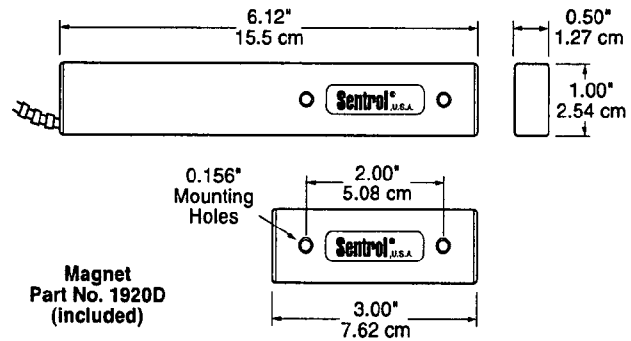
Specifications:

Form A (2515A)

Voltage 100 V AC/DC max.

Current 0.5 A max.

Power 7.5 W max.



Ordering Information

Model Number	Loop Type	Electrical Configuration	Gap Distance (Make)*	Lead Type	Listing
2515A	Closed	N.O.	Up to 6"	1.5' stainless steel armored cable	UL

NOTE:

* Gap distances are nominal make distance $\pm 20\%$. Gap specifications are for switch to make. Break distance is approximately 1.1 to 1.5 times make.



SENTROL

CORPORATE HEADQUARTERS

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Tel.: 503.692.4052 Fax: 503.691.7566

<http://www.sentrol.com>

U.S. & Canada: 800.547.2556

Technical Service: 800.648.7424

FaxBack: 800.483.2495

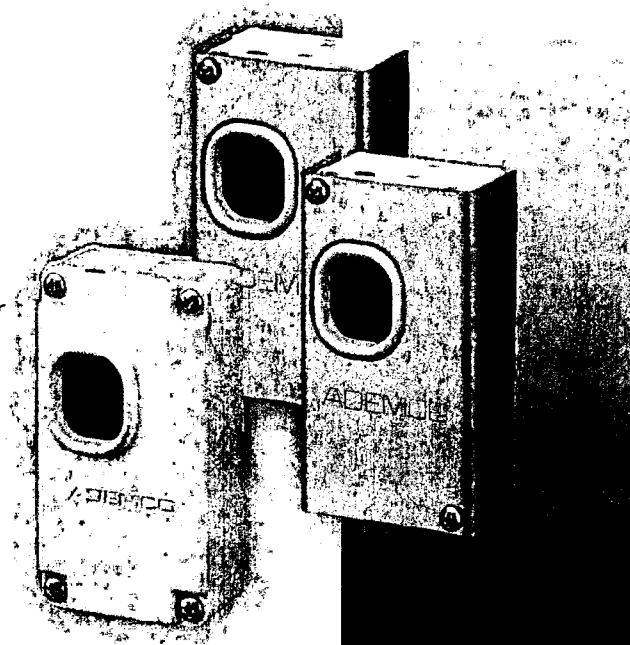
Sentrol reserves the right to change specifications without notice.

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269R/270R/269SN

ADEMCO's series of hold-up devices have been designed for silent operation. Available in a stainless steel cover or hardwired, V-Plex and wireless versions, they mount quickly and easily in discreet locations. They are ideally suited for use in locations such as banks, jewelry stores, retail establishments or any situation that requires hold-up notification.



FEATURES:

- Silent operation
- Double-pole double-throw contacts for multi-notifications
- Twin 45° screw terminals with EOL resistor splicing terminal
- Adhesive pads for temporary positioning while installing
- Stainless steel cover (269R and 269SN)
- Fully supervised
- Convenient reset key for testing and/or reset of alarm

SPECIFICATIONS:

- Switch type: Plunger type DPDT
- Switch action: Selectable latching or momentary
- Switch rating: 0.2A @ 30VDC max.
- Connections: four position 45° screw terminal block for each output side with EOL resistor splicing terminals
- Operating temp: 14° F to 140° F
- Dimensions: 3.5"L x 2.0"W x 1.25"D
- Listed for UL636 Hold-Up alarm units and systems

ORDERING:

Part No.

269R

270R

269SN

5869

Description

Hardwired Hold-Up switch with stainless steel cover

Hardwired Hold-Up switch in plastic case

V-Plex Hold-Up switch with stainless steel cover
(polling loop only)

5800 Series Wireless Hold-Up Switch

**Hold-up
Devices**

165 Eileen Way, Syosset, NY 11791

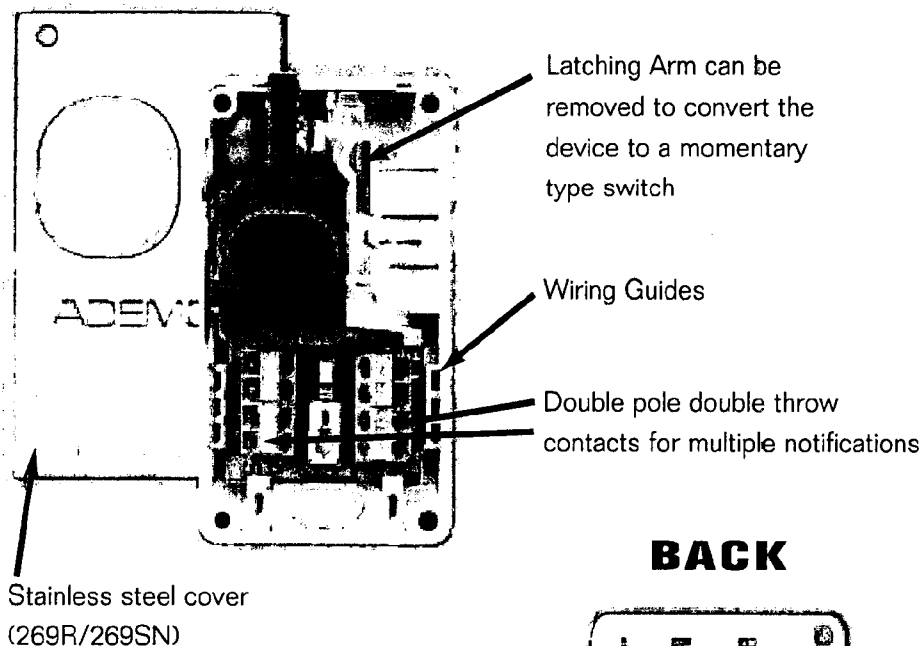
Copyright ©2002 Pittway Corporation

ADEMCO is an ISO9001 Registered
Company

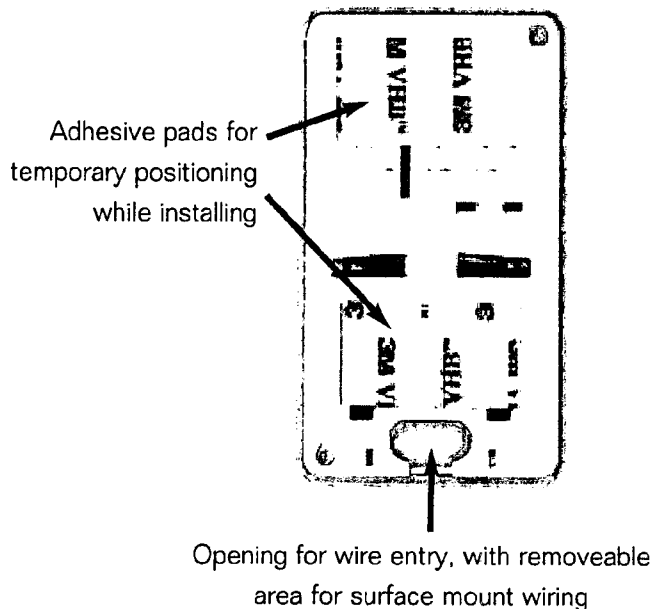
**ADEMCO
GROUP**

269R/270R/269SN

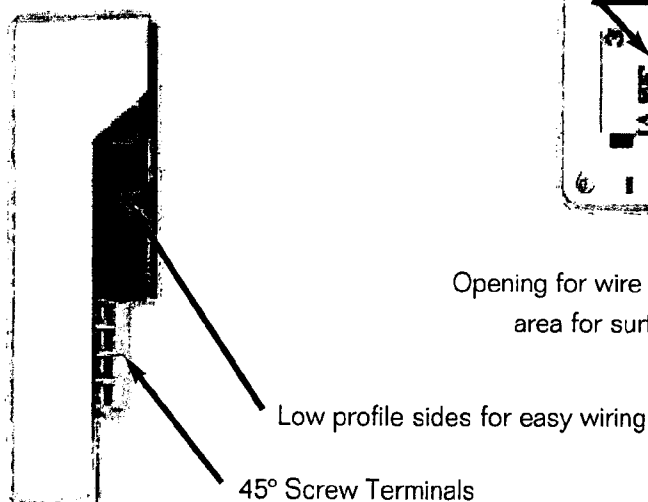
FRONT WITH COVER REMOVED



BACK



SIDE



**Hold-up
Devices**

165 Eileen Way, Syosset, NY 11791
Copyright ©2002 Pitway Corporation
ADEMCO is an ISO9001 Registered Company

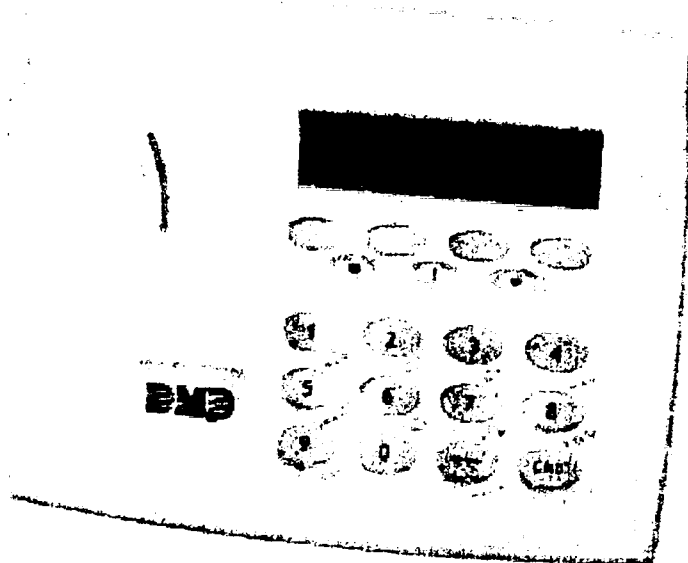
1-800-467-5875

L/269SERIE/D



**ADEMCO
GROUP**

*The most affordable
codeless arming and
disarming available—
with a slim new look!*



7000 Series Thinline LCD Keypads offer high-quality, cost-effective security control in a stylish, sleek new design.

- Visual and audible alarm notification
- Silence alarm while system remains armed
- Optional integrated proximity reader
- Four optional on-board fully programmable zones
- Retrofit to any DMP panel

Enhanced Options

7063 and 7073 keypad proximity readers accept DMP 1400 Series proximity credentials and HID 1300 Series proximity credentials.

THINLINE LCD KEYPADS 7060/7063/7070/7073

FEATURES

- Attractive Thinline keypad housing available in several colors
- Large, 32-character, Liquid Crystal Display (LCD)
- Custom 16-character home or business name
- Keypad and logo backlighting turns *Red* in alarm conditions
- User-adjustable brightness, tone, and volume controls
- Built-in diagnostics for ease of service
- Simple harness connection to 4-wire keypad bus
- Connect devices directly to keypad zones
- View system events/user activity through keypad display
- AC power and Armed LED
- Suitable for access, burglary, and fire applications
- Distinct fire, burglary, zone monitor, and prewarn tones
- Displays time of day, armed zones, and armed areas
- Optional backboxes for conduit or wall-mount applications
- Unique silence feature allows the user to silence alarm bells and still keep the system armed
- Compatible with all DMP panels

THINLINE LCD KEYPADS

VERSATILE SUPERVISED AND UNSUPERVISED OPERATION

When programmed for supervised operation, the keypad occupies its own unique device address on the keypad data bus.

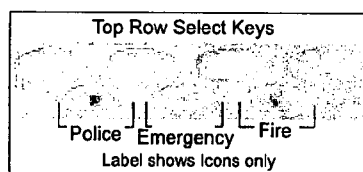
Unsupervised operation allows you to install an unlimited number of keypads set to the same device address. Increasing the number of keypads allows maximum system operating flexibility.

USER-FRIENDLY MENU FUNCTIONS

The User Menu allows you to quickly browse through menu options. Disarming and Arming functions are fast and easy. Any function allowed by the user authority level is simply accessed through the keypad, such as silencing alarms, resetting sensors, or displaying events.

2-BUTTON PANIC KEYS

The top row of keys can be used as 2-button panic keys. The user simply presses and holds two of the keys simultaneously to send either a panic, non-medical emergency, or fire report to the Central Station.



Panic Key Labels

HIGH TRAFFIC AREA PROTECTION

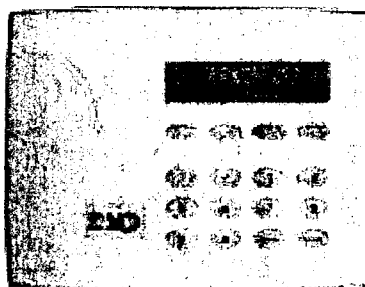
The user presents a proximity credential or enters a user code to access any function. This protection level allows you to install the keypad in high-traffic public areas without danger of unauthorized access.

END-USER CONTROL

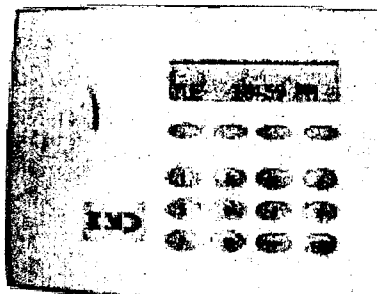
Each of the Thinline Series keypads provides a simple User Options menu for adjusting brightness, speaker tone, and volume.

VALUABLE VISUAL ALARM INDICATOR

In a normal state, both the keypad and logo backlighting remain *Green*. However, during an alarm state, the keypad and logo turn *Red*. The change in color allows persons on-site to instantly recognize an alarm condition.



Red Backlighting



Green Backlighting

DISTINCT SOUND PATTERNS

The keypads also provide distinct sound patterns for fire, burglary, zone monitor, and prewarn that can help users identify the event occurring on their system.

RETROFIT ANY EXISTING DMP SYSTEM

Retrofitting is quick and easy. Thinline keypads have the same footprint as existing DMP keypads and mount in currently installed backboxes. Thinline Series keypads require no special modules or panel upgrades. You can provide a new look and greater functionality to an existing system at just a fraction of the cost of all new equipment.

MULTIPLE-KEYPAD SAVINGS

Install multiple keypads on the same wire run. Compatibility and cost savings make the Thinline Series an asset in every installation.

OPTIONS

The Thinline Series keypads also provide Keypad Options and Keypad Diagnostics menus available only to system installers and service technicians. Enter Keypad Options to set the keypad address and change the default keypad message.

Test the keypad operation at any time without disabling the system. The diagnostics program tests the LCD segments and backlighting, each of the 16 keyboard keys, and the four zones on the 7070 and 7073 keypads.

UNIVERSAL PROGRAMMING TOOL

System installation and programming can be achieved without carrying around or purchasing expensive external programmers since panel and add-on module programming is integrated into DMP Keypads.

Individually program panels, an iCOM Network Alarm Router, iCOMSL Network Alarm Communicator, and other programmable add-on modules directly from the keypad.

7070/7073 FOUR EXPANSION ZONES

Zone expansion is available right on the keypad where you need it the most. The four expansion zones on the 7070 and 7073 models are fully programmable Class B protection zones that can be used for a variety of fire, burglary, and access control applications.

ZONE TYPE SELECTION

Keypad zones can be programmed using the same zone types available on the panel. Select supervised, unsupervised, night, fire, panic, exit, and emergency operation depending on the user requirements.

ZONE DEVICE CHOICES

Connect PIRs, door and window contacts, pull stations, sprinkler tamper switches, and silent panic buttons. Plan the installation to afford the best coverage while eliminating potential problems associated with multiple wire runs.

7063/7073 CODELESS ARMING AND DISARMING

The innovative 7063 and 7073 Thinline keypads contain an on-board DMP proximity reader that allows users to simply present their DMP 1400 Series proximity credentials to the keypad to gain access to a protected area. For added flexibility, the 7063 and 7073 can also read HID 1300 series proximity credentials.

7073 SOFT-SHUNT® MOMENTARY BYPASS

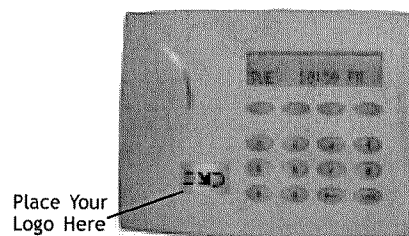
To provide an entry and exit window on systems with 24-hour perimeter protection, DMP offers the Soft-Shunt® feature. Soft-Shunt allows the user enough time to enter or exit the area. If the door remains open when the timer expires, a zone open/short is sent to the panel for the keypad Zone 2.

REQUEST-TO-EXIT (REX)

To enable easy user exit from an area, connect a motion sensing or mechanical device to Zone 3 on the keypad. As the user trips the zone, the keypad activates the door strike allowing the user to exit the area without presenting a card or entering a user code.

PRIVATE LABELING

DMP offers dealers the option to present their company logo on the 7000 Series keypads. The logo displays on the rubber logo insert and replaces the DMP logo. The backlit logo glows *Green* during normal operation and turns *Red* in an alarm state.



Logo Location

KEYPAD MODEL FEATURES

Model	2-Button Panic	Red in Alarm	4-Zones	Internal Relay	Internal Prox Reader	Wiegand Input	Internal Form C Door Strike Relay
7060	X	X					
7063	X	X			X		
7070	X	X	X				
7073	X	X	X	X	X	X	X

SPEC SHEET

KEYPAD ACCESSORIES

Backboxes

695/696 4" Square Mounting Box

Keypad Wiring Harness

300 4-wire harness
300-5 5-wire harness
300-12 12-wire harness
300-512 12-wire harness, 5 ft. long

HID Proximity Credentials

1306 Prox Patch™
1306PW Prox Patch™
1326 ProxCard II® Card
1346 ProxKey II® Access Device
1351 ProxPass®
1386 ISOProx II® Card

DMP Proximity Credentials (7063, 7073 keypads only)

1410 Proximity Card
1415 Proximity PVC Photobadge
1420 Proximity Key Fob

External Proximity Readers

PP-6005B ProxPoint® Plus Proximity Reader
MP-5365 MiniProx™ Proximity Reader
PR-5455 ProxPro® II Proximity Reader
MX-5375 MaxiProx® Proximity Reader
TL-5395 ThinLine II® Proximity Reader

KEYPAD ORDERING INFORMATION

The Thinline Series keypads are available in White, Ivory or Black to compliment any decor. Select from the following options:

7060-W

7063-W

7070-W

7073-W

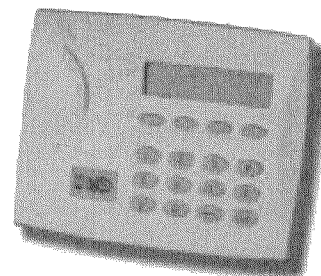


7060-I

7063-I

7070-I

7073-I

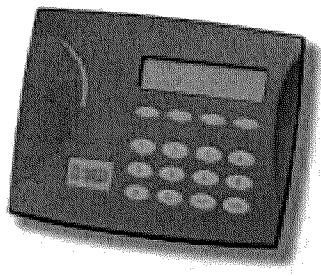


7060-B

7063-B

7070-B

7073-B



SPECIFICATIONS

Operating Voltage 12 VDC
Dimensions 7" W x 5.25" H x 0.5" D
Display Type LCD
Colors White, Ivory, Black

COMPATIBILITY

7000 Thinline Series keypads are compatible with all DMP panels.

CURRENT DRAW

7060 Standby 72mA
Alarm 87mA
7063 Standby 85mA
Alarm 100mA
7070 Standby 72mA + 1.6mA per active zone
Alarm 87mA + 2mA per active zone
7073 Standby 85mA + 1.6mA per active zone
Alarm 100mA + 2mA per active zone

LISTINGS AND APPROVALS

Underwriters Laboratory (UL) Listed
UL 294 Access Control System Units
UL 365 Police Connected Burglar
UL 609 Local Burglar
UL 1023 Household Burglar
UL 1076 Proprietary Burglar
UL 1610 Central Station Burglar
UL 985 Household Fire Warning
UL 864 Fire Protective Signaling

FCC Part 15

RFID Reader FCC ID: CCKPC0086

For additional information, access www.dmp.com and select Compliance.



800-641-4282

www.dmp.com

Made in the USA

INTRUSION • FIRE • ACCESS • NETWORKS

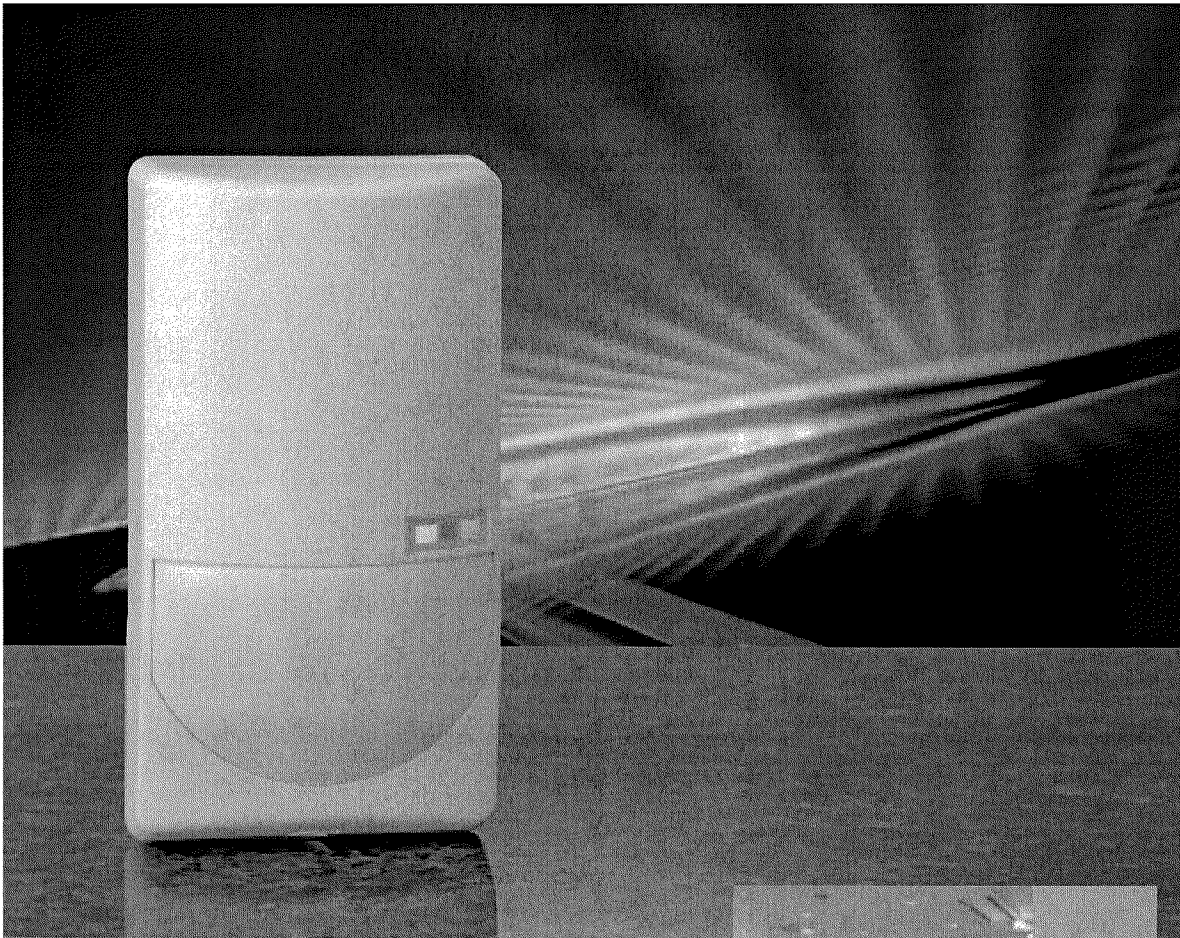
2500 North Partnership Boulevard

Springfield, Missouri 65803-8877



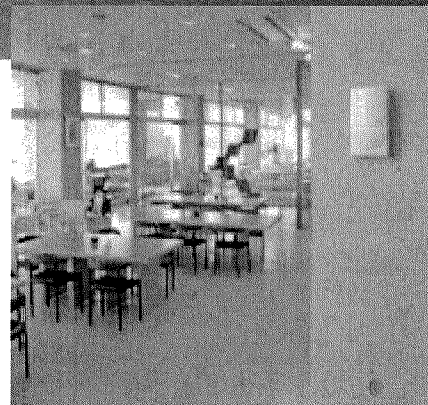
**INTEGRATED PASSIVE INFRARED &
MICROWAVE DETECTOR**

**DX-40/60 STANDARD
40/60 P L U S**



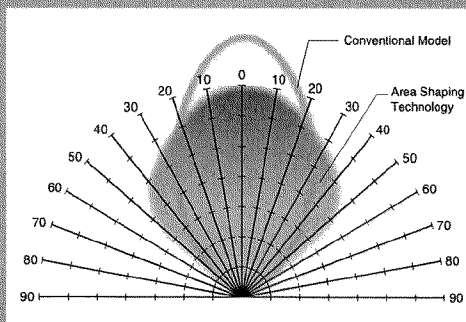
**Combining Quad Zone PIR Technology
and Unique Microwave Detection**

DX-40/60 models are the result of Optex's advanced research with PIR and Microwave technology. Unique advancements include Patent Pending "Microwave Area Shaping Technology" and Spherical Lens PIR technology with Quad Zone Logic. The design of this product offers easy, trouble-free installation in a compact and attractive housing. These models have features necessary to accommodate virtually any installation.



Optex Integrated 1 New Dimensions in S

Microwave Technology Patent Pending "Area Shaping Technology"



Optex Research and Development Department have created a breakthrough in Microwave Detection. The DX-40/60 reduce one of the biggest weak points of microwave detection, that is the penetration of walls and unwanted detection of movement outside the coverage area. In addition, the detection area has uniform sensitivity which minimises false activation's caused by spot movement in the detection area, i.e. small animals. The DX-40/60 are new dimensions in microwave technology.

Microwave Range Selector
Trouble Output Selector
(DX-40/60 Only)

Lens

* The shape of Microwave Unit is different by its frequency.

OPTEX Design and Me Quick and Easy Installation wi

Easy installation and wiring are engineered into this compact housing.

Integrated Microwave &

Improved Tolerance to Spot Movements

No Temperature or Light Disturbance

The DX-40/60 achieve Protection against False Alarms by utilis

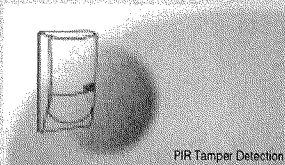
Fail-Safe Technology — Automatic Trouble Monitoring

Passive Infrared does not detect through walls and is never affected by movement beyond these boundaries.

Anti-PIR Tamper Function (Patent Pending)

When PIR Detection fails (something near the detector blocking the field of view), a trouble output will generate via the * alarm output (selectable option with DX-40/60) and LED Display.

* DX-40/60 PLUS have separate Relay Output



PIR Tamper Detection

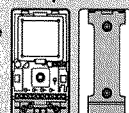
● Microwave Watchdog Circuit (Self-Checking Function)

When microwave operation fails, DX-40/60 automatically switch to single PIR operation in Enhanced Reliability Mode avoiding Missed Alarms.

Trouble-Free Installation

Microwave Area Shaping allows for simple two step adjustment. By making minor adjustments to the Long or Short Range Selector and the Low, Medium, High Sensitivity Volume, the microwave can be shaped to match room size. This technology will not only reduce installation hassle but will reduce false alarms caused by penetration of walls by the microwave detector.

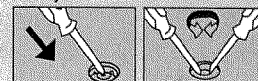
● Wiring Guide & Wide Space at Terminals — Increases ease of installation



● High Visibility LED Display (3 LED's) — Selectable on/off

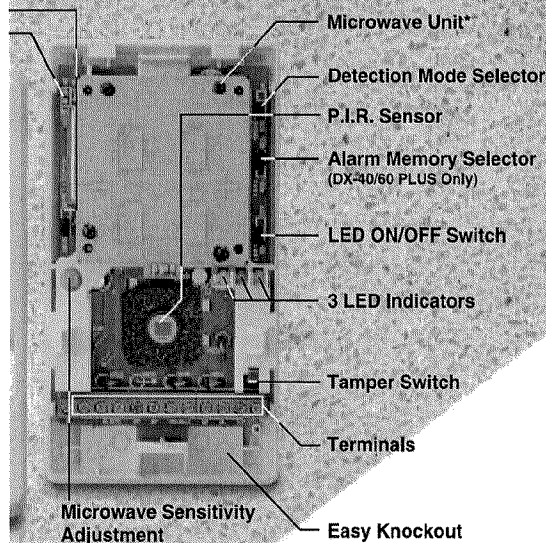


Easy Knockout



● Easy to operate Pin Switches (with instruction directly on the detector)

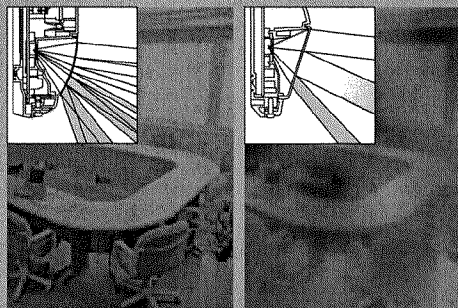
Technology offers Sensing Performance



Mechanical Technology with Unique Compact Housing

- Easy Microwave Area Adjustment:
 - Long or Short Distance Selector Switch
 - Low, Medium or High Sensitivity Adjustment

Passive Infrared Technology Patented Quad Zone Logic with New Spherical Lens



By utilising Optex Advanced Optical Technology, the DX-40/60 create evenly distributed sensitivity throughout the detection area.

Accurate focus creates even sensitivity and high resistance to spot temperature changes. Other detectors may have inconsistent detection creating hot spots (false alarm can occur) and dead spots (no detection).

In addition, the New Spherical Lens contributes to a superior aesthetic appearance which end users will appreciate.

Passive Infrared Technology

Re-Enforced with Electronic Analysis

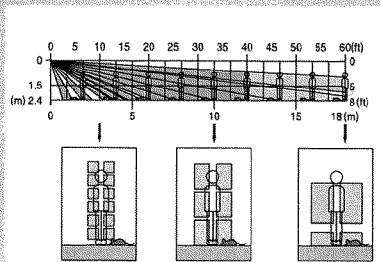
No Penetration

sing an integrated analysis of both PIR and Microwave signals.

Detection Area Size Configuration

"Microwave Area Shaping Technology" and "Quad Zone Logic"

The Microwave Area can be easily shaped to fit the desired area and have even sensitivity. In addition, Quad Zone Logic in the PIR provides high tolerance to spot temperature changes and movements caused by small animals, heating vents, moving curtains and vibrations caused by big machinery.



No False Alarms due to Penetration through walls

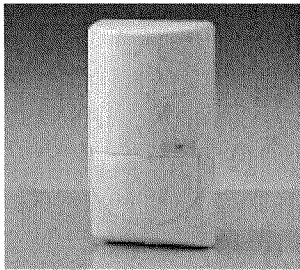
Passive Infrared does not detect through walls and is never affected by movement beyond these boundaries.

No False Alarms by Spot Temperature Changes

DX-40/60 are not affected by spot temperature changes or by sunlight caused by the movement of sunlight through a detection area.

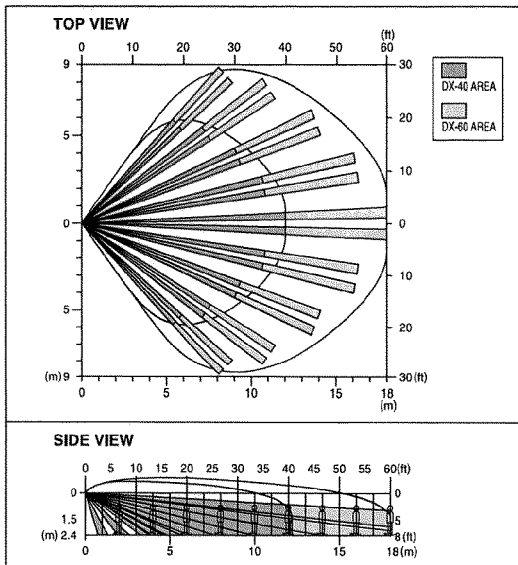
Enhanced Sealed Optics (Patent Pending)

DX-40/60PLUS Enhanced Model



- Separate Relay Output for Automatic Trouble Monitoring
- Alarm Memory, Selectable Positive or Negative Input
- LED Remote On/Off Control Input from Control Panel

DETECTION AREA



SPECIFICATIONS

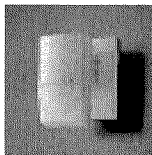
DX-40/60

Detection method	Passive Infrared and Microwave	
Coverage	40ft x 40ft (12m x 12m) 85' wide	60ft x 60ft (18m x 18m) 85' wide
Detection zones	82 zones (PIR)	
Mounting height	5 - 8ft (1.5 - 2.4m)	6 - 8ft (1.8 - 2.4m)
Sensitivity	3.6°F (2°C) at 2ft/s (0.6m/s), 40ft (12m)	3.6°F (2°C) at 2ft/s (0.6m/s), 60ft (18m)
Detectable speed	1 - 5ft/s (0.3 - 1.5m/s)	
Alarm period	Approx. 2 sec	
Alarm output	N.C. 28VDC 0.2A max.	
Tamper switch	N.C., Open when cover is removed.	
Warm-up period	Approx. 30 sec	
LED indicator	Flicker during warm-up RED : ALARM, ALARM MEMORY and TROUBLE indicator YELLOW : MW and TROUBLE indicator GREEN : P.I.R. and TROUBLE indicator	
Power input	9 - 18VDC	
Current draw	12mA (normal), 35mA (max.) at 12VDC	
R.F. interference	NO Alarm 30V / m	
Operating temperature	14°F - 122°F (-10°C - +50°C)	
Environment humidity	95% max.	
Microwave frequency	10.525GHz	
Weight	5.3oz (150g)	

DX-40/60PLUS

Current draw	17mA (normal), 40mA (max.) at 12VDC
D.L. terminal	LED remote control terminal
Alarm memory	Selectable positive and negative control
Trouble output	N.C., 28VDC 0.2A max.
Microwave frequency	10.525GHz

OPTIONAL BRACKETS

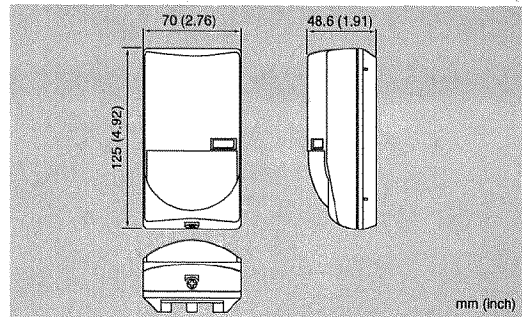


FA-1W
Wall Mount Bracket,
Adjustable $\pm 45^\circ$ Horizontally,
0-20° Vertically Downwards



FA-3
Compact Wall & Ceiling Mount Bracket
Adjustable $\pm 45^\circ$ Horizontally,
0-10° Vertically Downwards

DIMENSIONS



*Specifications and design are subjected to change without prior notice.

NOTE: This unit is designed to detect movement of an intruder and activate an alarm control panel. Being only a part of a complete system, we cannot accept responsibility for any damages or other consequences resulting from an intrusion. This product conforms to security product category of EMC Directive 89/336 EEC.



OPTEX CO., LTD. (ISO 9001 Certified by LRQA)
4-7-8 Niinohama Chuo, S20-0801 Japan
TEL (07) 552-4-8047 FAX (07) 552-9322

OPTEX INCORPORATED
1845 W. 205th St. Torrance, Ca. 90501-1510 U.S.A.
TEL (310) 533-1500 FAX (310) 533-5910

OPTEX (EUROPE) LTD. (ISO 9002 Certified by NOA)
Clivemont Road, Cowdall Park, Maidenhead, Berkshire, SL6 7BU U.K.
TEL (01628) 631000 FAX (01628) 638311

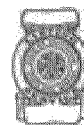


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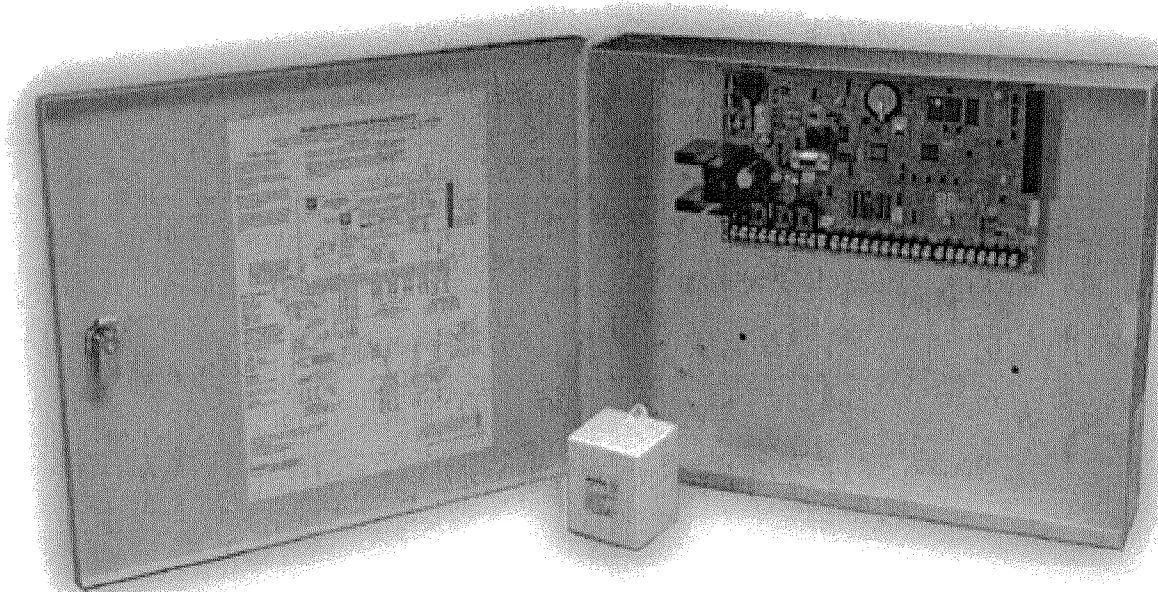
SPEC SHEET



**NETWORK
MONITORING!**



*The most impressive array
of integration features*



- UL Listed for Burglary, Fire, Access Control
- Suitable for Bank and Government installations
- On-board Ethernet connection
- Flash Updateable
- Built-in AES Rijndael Encryption

DMP XR500 Series Command Processor™ Panels meet all your burglary, fire, and access control applications needs.

XR500 SERIES ACCESS/BURGLARY/FIRE 574-ZONE COMMAND PROCESSOR™ PANEL

SYSTEM FEATURES

- Flash updateable: No more firmware chips to replace
- 32 individual reporting areas, with common areas
- Up to 16 supervised door access-points and/or keypads
- Output Groups: Maximum functionality—Minimum programming
- Up to 502 fully-programmable Form C relays
- Up to 562 two-wire smoke detector or fire initiating zones
- 10,000 user codes with 99 profiles
- 12,000 event buffer
- Up to four independent Shift schedules per area OR use one Shift schedule to control all areas
- Up to 100 output schedules to control relays and panel outputs
- Up to 20 holiday dates for shift and output schedules
- Optional user authority to temporarily extend Shift schedules
- Serial 3 digital dialer or CID reporting to multiple receivers
- Built-in phone line monitor
- Built-in DB-9 RS-232 or LX-Bus (Selectable)

- Multi-lingual menus available
- Built-in remote or on-site feature upgrade capability
- 1.5 Amps 12 VDC smoke and auxiliary output with OVC protection
- 16.5 VAC 50 VA plug-in transformer included
- 1.5 Amps 12 VDC supervised bell output
- Multiple on-board status LEDs

XR500N/XR500E SYSTEM FEATURES

- On-board Ethernet
- Bank, Safe and Vault Operation
- Two Man Rule, Panic Button Test, and Early Morning Ambush

XR500E SYSTEM FEATURES

- Built-in AES (Advanced Encryption Standard) Rijndael Encryption
- NIST Certified and UL Listed Encryption
- Unique user-programmable passphrase for greater security

