



PASSIVE INFRARED  
DETECTOR

# WONDEREX EX-35

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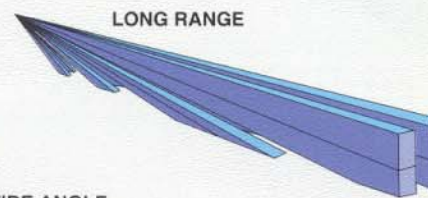
## TWICE THE FEATURES AT HALF THE COST

5 YEAR WARRANTY

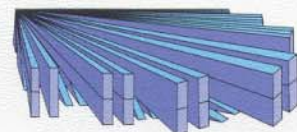
The EX-35 Combines A Unique Dual Purpose Lens, Patented Multi-Focus Technology and Selectable Sensitivity to Create 4 Precise Detection Pattern Selections.

The EX-35 breaks the mold of low cost, quality deficient detectors. You can select between precise Wide Angle or Long Range Coverage, and also Multi-Level or Pet Alley Detection Patterns.

By incorporating our Patented Multi-Focus Technology into the Spherically Designed Lens, the EX-35 has successfully eliminated sensitivity problems caused by changes in detection patterns.



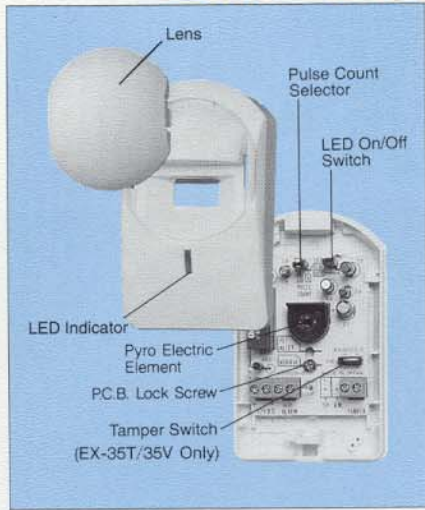
LONG RANGE



WIDE ANGLE



PASSIVE INFRARED DETECTOR **WONDEREX**  
**EX-35**



**FEATURES**

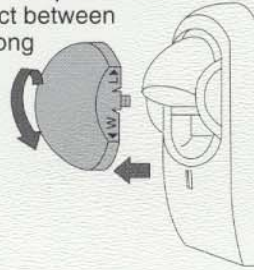
■ **Advanced Design Multi-Purpose Spherical Lens**

Unique technology provides unmatched optical performance for Wide Angle and Long Range Detection in Multi-Level or Pet Alley Patterns, using the same lens surface.

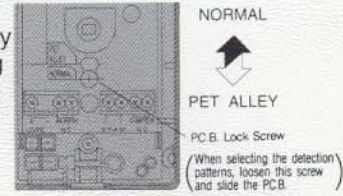
■ **Selectable Detection Patterns**

The EX-35 provides reliable and precise detection performance.

- Wide Angle & Long Range Detection Patterns  
By simply rotating the spherical lens, you can select between Wide Angle and Long Range Detection Patterns.



- Multi-Level & Pet Alley Detection Patterns  
Multi-Level and Pet Alley Detection Patterns can be selected by simply sliding the P.C.B. up or down.



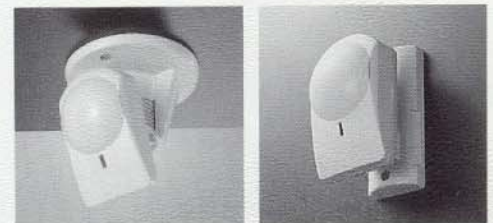
■ **Patented Multi-Focus Lens**

Creates zones with high vertical density, providing maximum detection sensitivity that remains stable even in high temperature conditions.

■ **False Alarm Protection**

- R.F.I. Protection  
No Alarm at 20V/m from 100MHz to 1GHz.
- Temperature Protection  
No alarm during temperature changes from -4° to +122°F (-20 to +50°C)
- Noise Reduction Circuit
- Selectable Pulse Count: 2 or 4
- LED On/Off Switch

■ **Optional Multi-Angle Bracket**

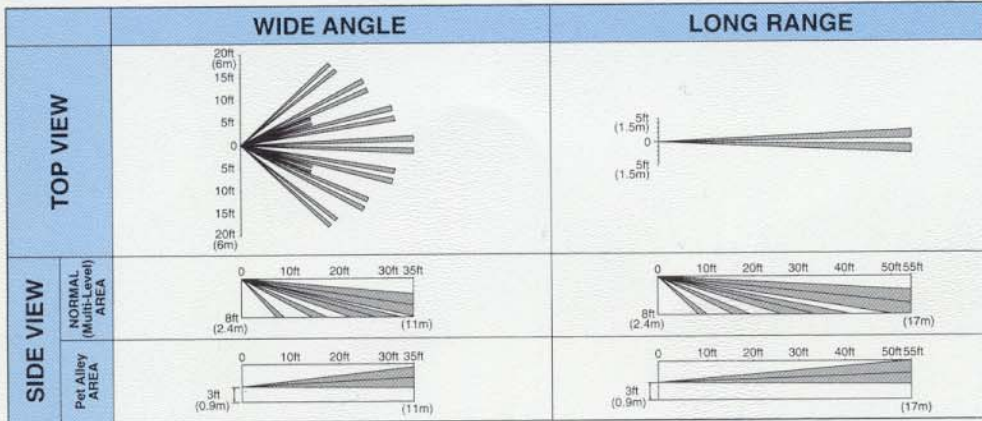


FA-2C: Ceiling Mount EA-1W: Wall Mount

■ **Versions**

- EX-35
- EX-35T: Tamper Switch
- EX-35V: Tamper Switch & Alarm Memory

**DETECTION PATTERNS**



**SPECIFICATIONS**

Model	EX-35	EX-35T
Detection method	Passive Infrared	
Coverage	WIDE: 35ft. x 35ft.(11m x 11m) 85° Wide LONG: 55ft. x 5.5ft.(17m x 1.7m) Long Range	
Detection zones	WIDE: 64 zones/28 zones (Pet Alley) LONG: 12 zones/4 zones (Pet Alley)	
Mounting height	Normal 4-8ft.(1.2-2.4m), Pet Alley 2-4ft.(0.6-1.2m)	
Sensitivity	3°F(1.6°C) at 2ft./sec.(0.6m/sec.)	
Detectable speed	1-5ft./sec.(0.3-1.5m/sec.)	
LED indicator	Alarm indicator optional	
Alarm period	Approx. 2.5 sec.	
Alarm output	N.C., 28V DC 0.2A max.	
Tamper switch	—	N.C., Opens when cover removed.
Pulse count	Approx. 20 sec. 2 or 4 (When using Long Range, always set pulse count selector on "2".)	
Warm up period	Approx. 30 sec.	
Power input	9.5-14V DC	
Current draw	18mA(max.)	

Weight	3.2 oz.(90g)	
Operating temperature	-4°F~+122°F(-20°C~+50°C)	
Environment humidity	95% max.	
RF interference	No Alarm 20V/m	

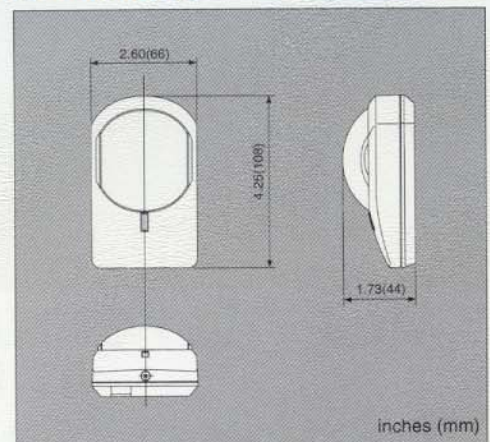
V Version(Alarm Memory)		
Model	EX-35V	EX-35V(P)
Alarm memory	Armed: 0 - 1V DC	Armed: OPEN or +5 - 14V DC
Current draw	18mA(normal), 25mA(max.)	

\*Specifications and design are subject to change without prior notice.

NOTE: This unit is designed to detect movement and activate an alarm control panel. Being only a part of a complete system, we cannot assume responsibility for theft or damages, should they occur.

LISTED: EX-35, EX-35T, EX-35V

**DIMENSIONS**



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