



TWICE THE FEATURES AT HALF THE COST

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

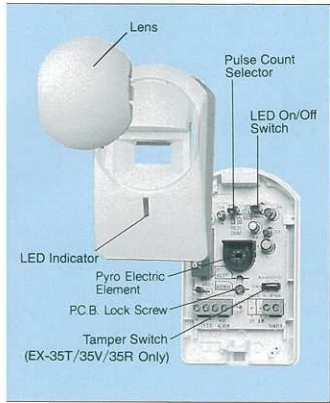
The EX-35 breaks the mold of low cost, quality deficient detector. You can select between precise Wide Angle or Long Range Coverage, and also Multi-Level or Pet Alley Detection Patterns.

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.

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

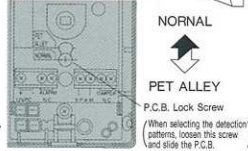
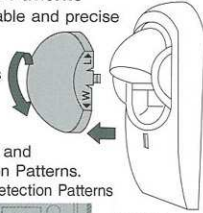
The EX-35 provides reliable and precise detection performance.

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

EX-35R for A Wireless Security System

Powered by a 3~9V Alkaline battery or Lithium battery and is designed to be used with a transmitter of a wireless security system.



EX-35R

- Battery Saving Circuit
After the first detection, 2min. of non-activity is required before the next activation. Any subsequent movements during the 2min. refreshes the time delay. This feature extends battery life, especially when installed in high traffic areas.

Optional Multi-Angle Bracket



FA-2C: Ceiling Mount
Horizontally $\pm 45^\circ$
Vertically 0' to 20' downwards

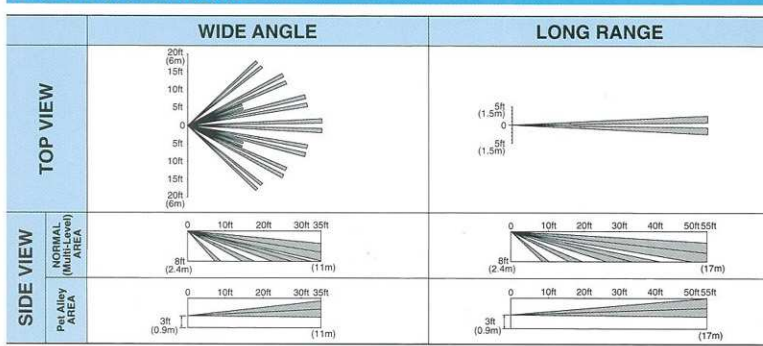


EA-1W: Wall Mount
Horizontally $\pm 20^\circ$
Vertically 0' to 15' downwards

Versions

- EX-35
- EX-35T: Tamper Switch
- EX-35V: Tamper Switch & Alarm Memory
- EX-35R: For a Wireless Security System

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 28V DC 0.1A max.	
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	8mA(normal), 11mA(max.) at 12V DC	

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

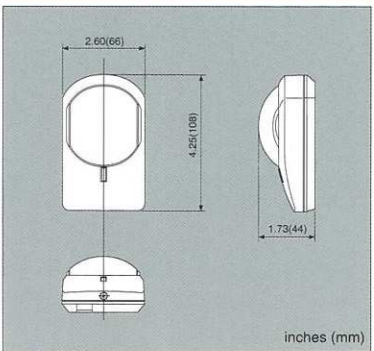
V Version (Alarm Memory)	
Model	EX-35V EX-35V(P)
Alarm memory	Armed: 0~1V DC Armed: OPEN or +5~14V DC
Current draw	18mA (normal), 25mA (max.)

R Version (For a wireless security system)	
Model	EX-35R
Alarm output	Form C Solid state switch 10V DC 0.01A (max.)
Alarm interval	Alarm output is inactive until there is a 2min. period of inactivity in the pattern area.
Warm up period	Approx 1min.
Power input	3~9V Alkaline battery or Lithium battery
Operating voltage	2.3~10V DC
Current draw	3.5μA (In standby)
	10mA (In walk test, LED on)
Dimensions	W2.76" (70mm) x H4.49" (114mm) x D2.99" (76mm)
Weight	5.0 oz. (142g)
Operating temperature	+14°F ~ +122°F (-10°C ~ +50°C)

(R) LISTED: EX-35, EX-35T, EX-35V

※ 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.

DIMENSIONS



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