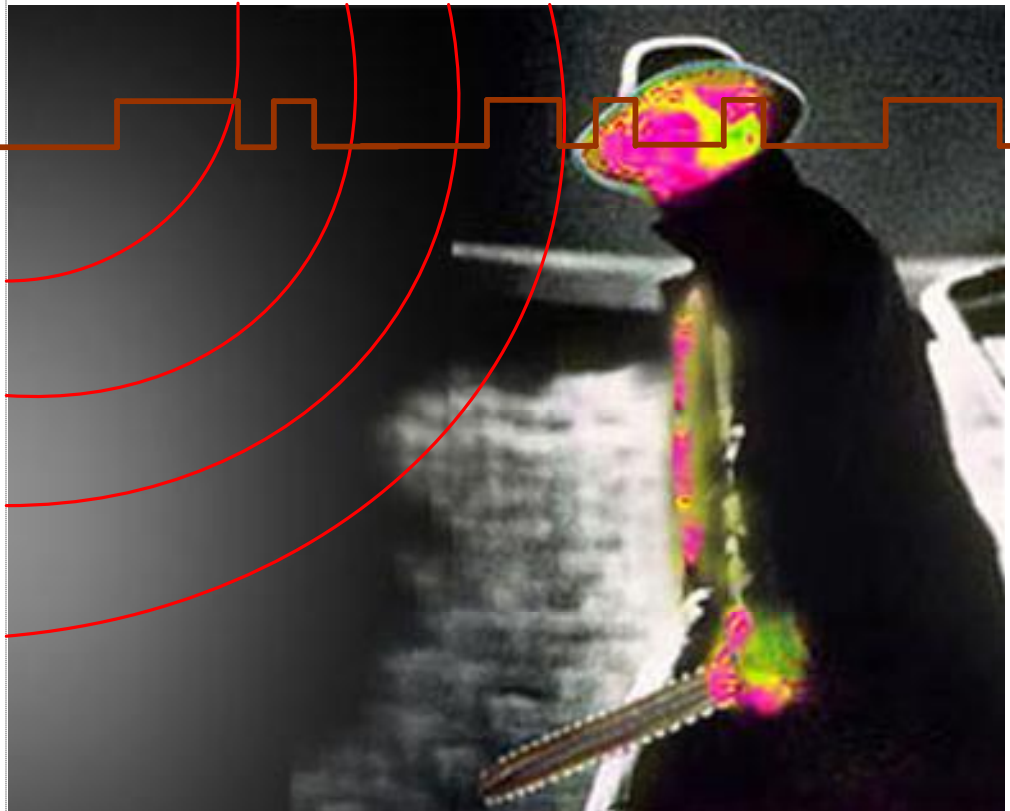


EE977DMC

The remarkably developed ePIR EE900 Series of Pure Digital PIR Detectors is especially suited for harsh residential or commercial environment. Embedded with Sigma Delta (SD), Auto LED sensing, as well as DVC technologies on a complete single chip solution platform, **ePIR** provides False Alarm Immunity while maximizing detection performance. **ePIR** is ideal for conquering the limitations of traditional PIRs and makes for dealer-friendly installation and operating capabilities.



- Exclusive SD & Auto-LED sensing technologies
- Remarkable detection performance
- Outstanding stability & reliability in harsh environments
- Direction processing in unique digitize arrangement
- Alarm output with high reliable eRelay



Space Detector
1-2

HIGHLIGHTS & FEATURES

Multi-elements imaging technology-

Improves motion detection performance
Mirco design for all types of intrusion & access control installations

Complete single chip solution enhances the system stability and reliability-

Auto temperature compensation
Auto pulse width adjustment
Auto sensitivity adjustment
Environmental immunity
Standard or curtain lens selectable
Curtain coverage w/ direction capability

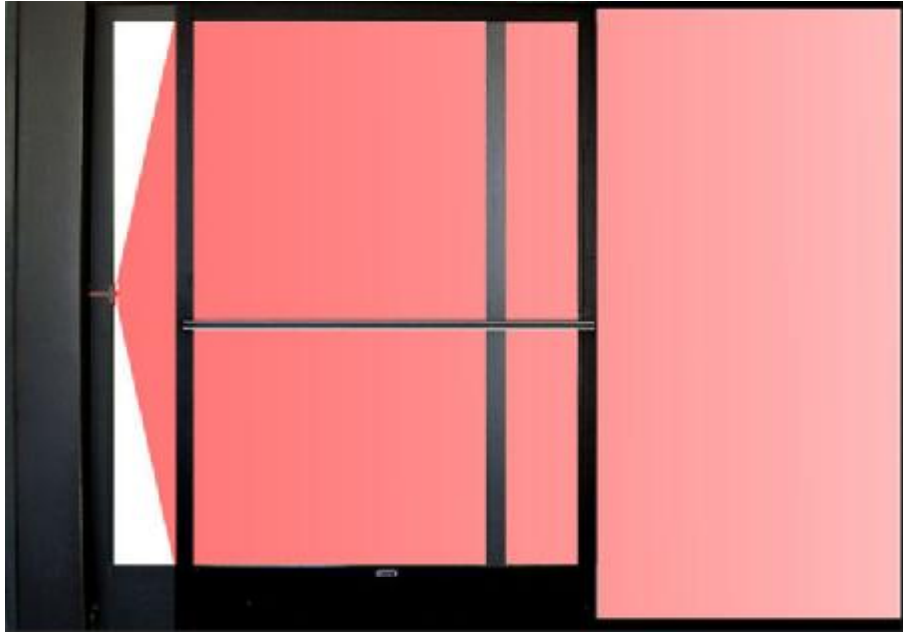
Auto LED sensing and Auto-off arrangement-

WLI without reducing detection performance and remains non-blinded
Anti-disclosing the detection profile
Keeps friendly environment
Reduces installation workload and minimizes human error
Increases protection level and practicability

EE Systems Group Inc.

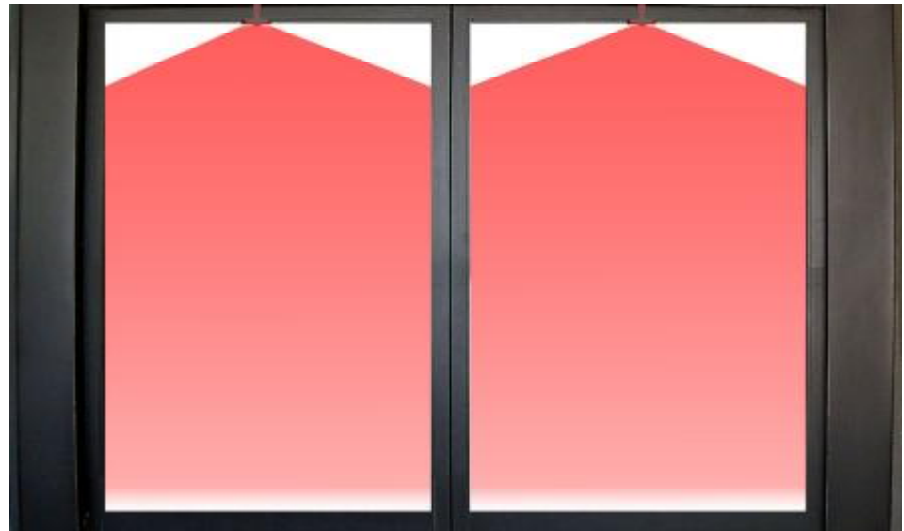
EE977DMC

Typical Applications



**Intrusion / Protection Detector
Access Control Sensor
Especially For**

- Wall or ceiling mountable
- Three type of lenses selectable
- Instead of window and door contacts
- Instead of traditional security screen
- Can be installed in between window glass & standard curtain section
- Can be installed as invisible type protection device in anywhere
- Can be installed inside the carbine or box such as: safe, gun carbine, file carbine, small storage / closet



Space Detector
2-2

Specifications

Detection Method:	ePIR	Alarm Period:	2 sec	Operating Humidity Range:	95% max relative humidity
Power input:	9.6 - 16Vdc	Alarm Output Relay:	N.O./N.C 28Vdc 0.1A with		non condensing
Current Consumption:	Standby: 16mA (± 5%)		10 Ohm in line resistor	RFI Protection:	30V/m 10 -2000 MHz
	Active with LED: 16mA (± 5%)	Tamper Switch:	N.C 28Vdc 0.1A with	EMI Protection:	50,000V electrical
	Active w/o LED: 13mA (± 5%)		10 Ohm in line resistor		interference from lightning
Detection Range:	40ft. (12m); 40ft. (12m)w/LRCL	Warm Up Period:	35 sec (± 5 sec)	White Light Immunity:	up to 10,000 LUX
LED Auto Disable:	30 minutes; extendible window	Operating Temperature:	14° F to 122° F	Dimensions:	DM - 0.75 " x 1.5 "
	as required	Storage Temperature:	-22° F to 158° F		

EE Systems Group Inc.

4978 Santa Anita Ave. Temple City, CA 91780 Phone Number: 1-877-579-3889 Fax Number: (626) 452-9194 www.eesgi.com

Rev EE/ePIR 12/2009