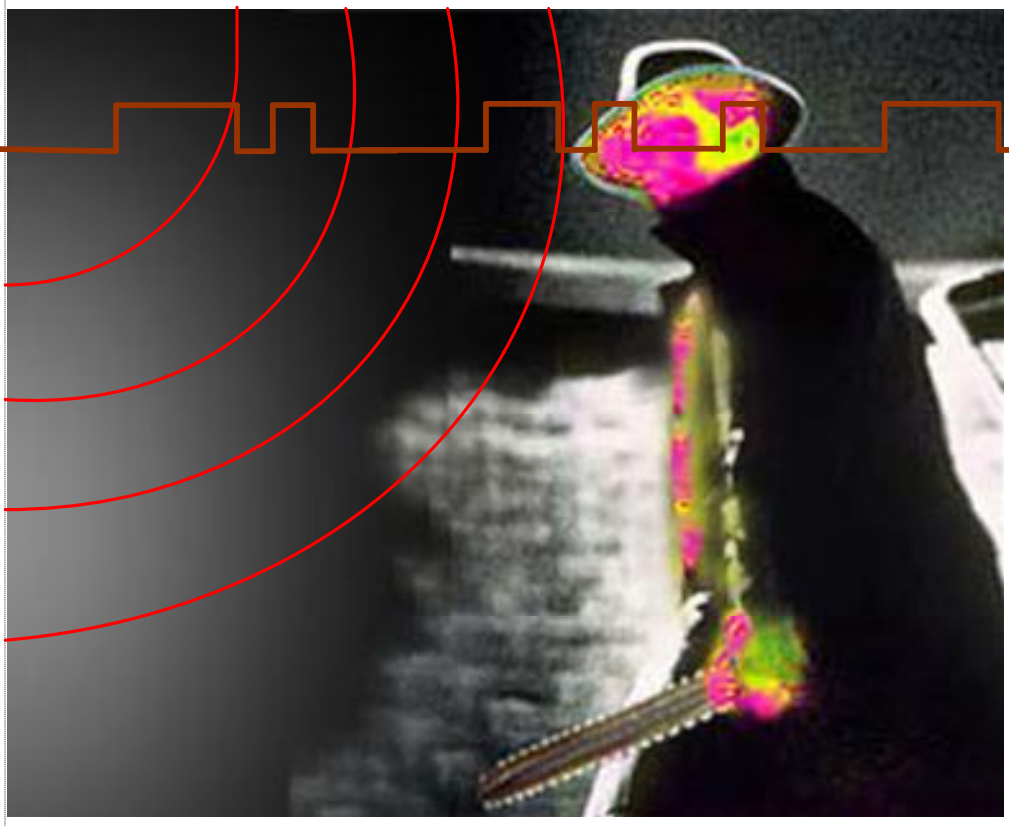
EE934IC

The eDT-PIR/EE934IC outdoor detector integrates Passive Infrared, Microwave, and Artificial Intelligence technologies and is developed for applications in harsh residential and commercial environment. Combined with high-performance elements, EE934IC provides exceptional detection performance with pet immunity and white light immunity. Waterproof function makes EE934IC especially suitable for outdoor environmental applications.



- Integrated passive infrared and microwave technologies
- Exceptional detection performance
- Outstanding stability & reliability in rough environment
- Outdoor environmental applications

HIGHLIGHTS & FEATURES

Passive Infrared and Microwave technologies
MCU processing
Detection range up to 40'X40'
Pulse count FAR capability
Special optical filter lens, white light immunity at 10000Lux
Pet immunity up to 45LBs
Waterproof function for outdoor environment
Doppler effect and power analysis integrated
X-Band microwave
Microwave detection range adjustment
Automatic temperature compensation
Alarm output N.C./N.O. settings
Dynamic threshold adjustment technology with high interference immunity
Operation temperature: 14°F~122°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

EE934IC

Space Detector

Specifications

Detection Method:	Dopple + PIR Analysis	**LED Indication:**	Green: PIR trigger	**Operating Humidity Range:**	95% max relative humidity
Power input:	DC 9 - 16V		Yellow: Microwave trigger		non condensing
Current Consumption:	Standby:≤30mA (DC 12V)		Red: Alarm	**RFI Protection:**	30V/m 10 -1000 MHz
Detection Range:	40 '(12m) X 40' (12m)	**Alarm Output Relay:**	N.C/N.O. 28VDC, 80mA	**EMI Protection:**	50,000V electrical
Detection Angle:	110˚	**Tamper Switch:**	N.C/N.O.28VDC, 100mA		interference from lightning
Antenna Type	Patch antenna by GaAs FET	**Warm Up Period:**	≤60sec	**White Light Immunity:**	up to 10,000 LUX
	dielectric oscillator	**Operating Temperature:**	14° F to 122° F	**Pet Immunity:**	up to 45Lbs. (20Kg.)
Microwave Frequency	10.525GHZ	**Storage Temperature:**	-22° F to 158° F	**Dimensions:**	5.2" x 3.2" x2.3"

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