

EE988DPG

The innovatively designed **eTri-Tech / EE988DPG**, pure Digital Protection Unit is especially focused on compatibility, affordability and practicability for wide- scale of Residential, Commercial and Industrial applications. Based on an exclusive single chip solution platform **ePIR** technology for remarkable detection and performance, this local audible warning device is compatible with virtually all Alarm Control Panels providing supervision with backup for anti-destruction / anti-attack protection. **eTri-Tech** provides for a powerful distributed audible warning network as well as built-in a high intensity LEDs visual device-illuminator which increase the deterrent effect and enhance the captured video/CCTV images.



- Equivalent Stability
Better Practicability
Built with Less Emissions



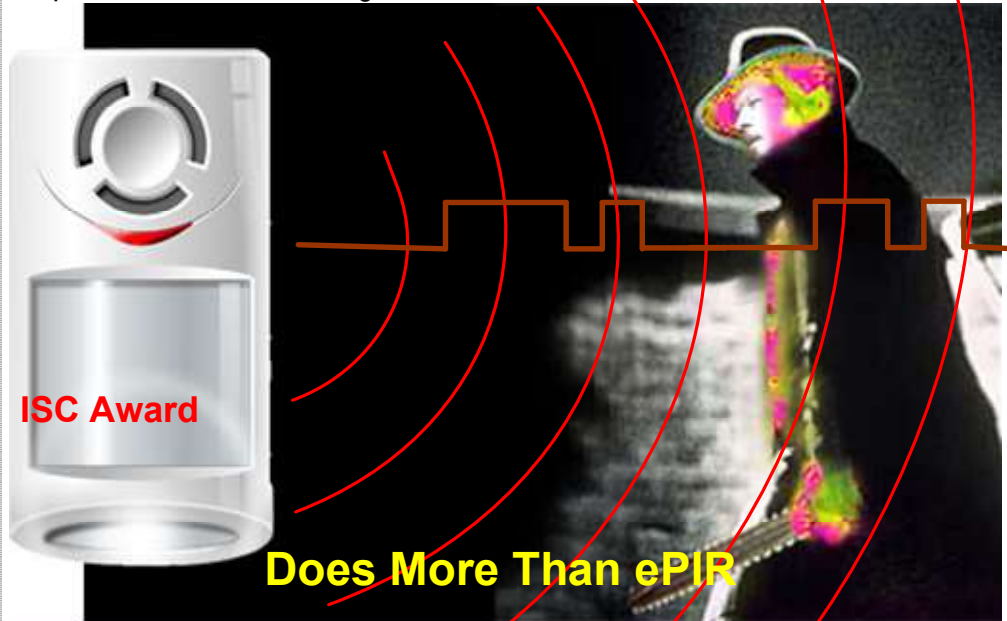
- Powerful Ability
Anti-Destruction & Attack



- Affordability with LWMN



- All in One Installation
with Enhancement



HIGHLIGHTS & FEATURES

High Quality Motion Detector:
Built-in full ePIR functions and features

Built-In a Sounder / Audible Warning Device:
High peak sound output either direct trigger via ACP or each individual sounder with cut-off time, repeatable by on broad ePIR control once ACP has been destroyed

Visual Illumination and Indication
High Intensity LED matrix with unique illumination control for video capture (60 seconds); generates further deterrent (fast flashing) effect

Installation Method as simple as standard Device:
Four wires standard connection: "+ - Alarm Siren", compatible with virtually all alarm control panels and similar hardware

Practicability:
Highly practical for "Neighbor-Watch Programs" as cross backed-up systems

Local Warning Matrix Network (LWMN):
Multiple **EE988DPG** form a local warning matrix network that automatically increases the overall coverage

ACP Back-up arrangement:
Complete 24 hour (armed or disarmed) supervision via our exclusive **eTri-Tech**, automatic testing and self diagnose capability

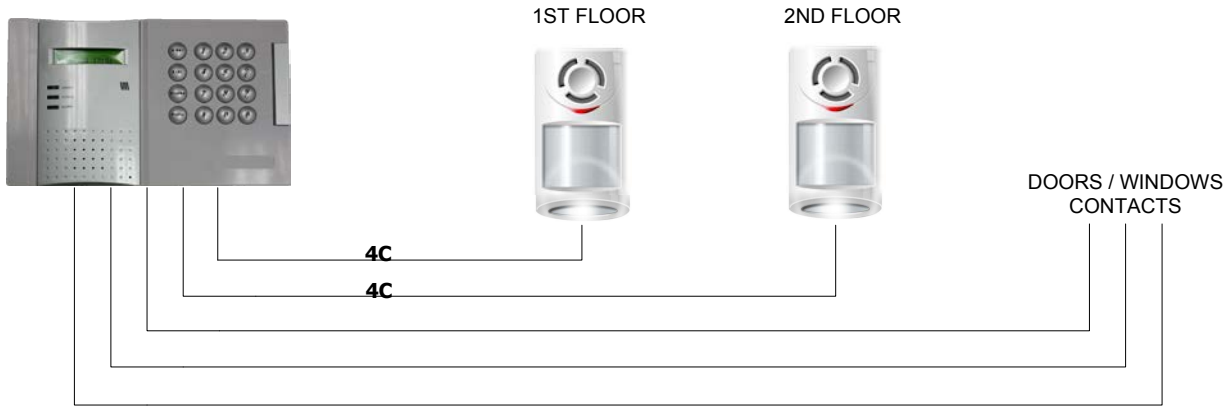
Built-In Battery:
9VDC standard or rechargeable battery under MCU control with low battery monitoring

Powerful Warning Force
Distributed enunciators (LWMN) combined with audible and visual device—LED illuminator and operate for normal alarms as well as ACP attack / destroyed conditions

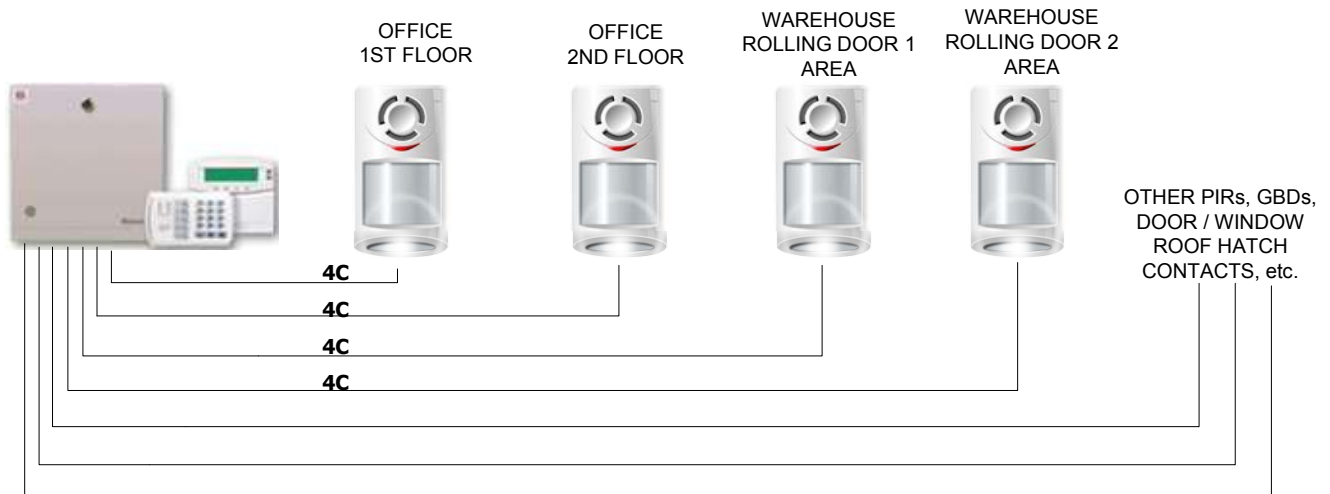
ePIR®/Detector

EE988DPG

TYPICAL RESIDENTIAL SETTING



TYPICAL COMMERCIAL SETTING*


ePIR®/Detector

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eTRI-TECH General Specifications (Patented Technology)

ePIR	Detection Method:	Quad (Four element) ePIR	Alarm Period:	2 sec	Operating Humidity Range:	Max 95% relative humidity
	Power input:	9.6 ~ 16 Vdc	Alarm Output Relay:	N.C 28 Vdc 0.1A with 10 Ohm in line resistor	RFI Protection:	30V/m 10-6GHz
	Current Consumption:	Standby: 16mA (± 5%) Active with LED: 16mA (± 5%) Active w/o LED: 13mA (± 5%)	Tamper Switch:	N.C 28 Vdc 0.1A with 10 Ohm in line resistor	EMI Protection:	50,000V electrical interference from lightning
	Detection Range:	60'x60'; 100'x13'w/LRCL (OPT)	Warm Up Period:	35 sec (± 5 sec)	White Light Immunity:	up to 10,000 LUX
	LED Auto Disable:	30 minutes; extendable window as required	Operating Temperature:	14°F to 122°F	Pet Immunity:	up to 65Lbs. (30Kg.)
					Dimensions:	5" x 2.5" x 2"
Sounder Output:		105db (±5) @ 3'	Operational Consumption:	≤100mA / 9 ~ 12 Vdc	Siren Input:	± 5 ~ 16 Vdc
Back-Up Power Source:		9V Standard / Alkaline	Stand By:	48+ HRS (5 years Life)	Cutoff Time (ACP OFF):	3 minutes, repeatable
LED Matrix Brightness Level:		24 LUX	Operational Consumption:	≤50mA	Cutoff Time (ACP OFF):	3 minutes, repeatable

* Adding AUX / DC power supply (such as EE515PWA) is recommended for system with more than four EE988DPG units in use.