

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, which includes our next generation **ePIR** technology for remarkable detection and performance. A local audible warning device is compatible with virtually all Alarm Control Panels providing supervision with backup for anti-destruct / 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.



- Outstanding Performance & Stability



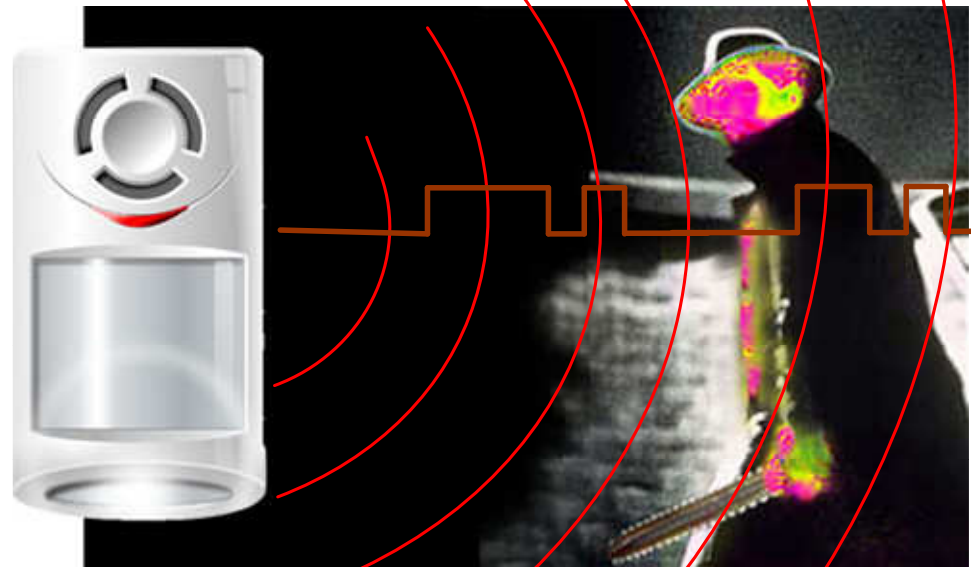
- Anti-Destruct & Attack



- Affordable LWMN



- Full Digital Sounder Setting



Space Detector 2-1

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):
Once more than one **EE988DPG** is in used they form a local warning matrix network that automatically increases the overall coverage

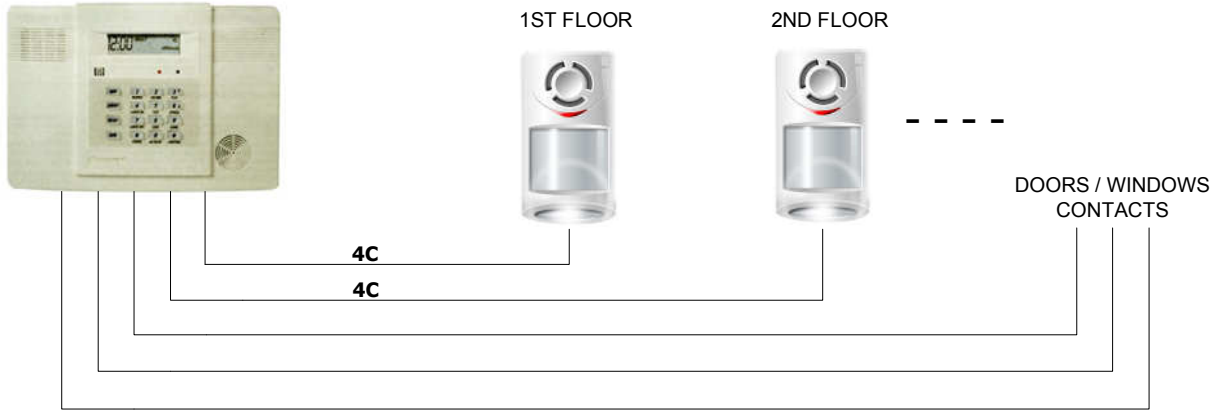
ACP Back-up arrangement:
Complete 24 hour (armed or disarmed) supervision via our exclusive **eTri-Tech**, automatic testing and self diagnostic capability

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

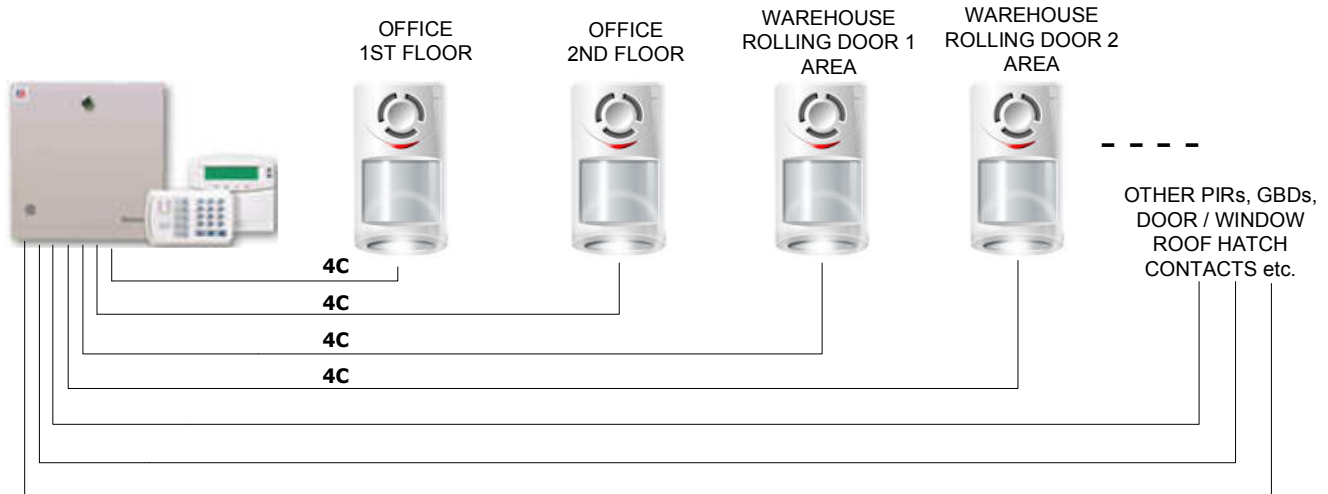
Powerful Warning Force
Distributed enunciator (LWMN) with combined audible and visual device-LEDs illuminator operates for normal alarm as well as ACP attack / destroyed conditions

EE988DPG

TYPICAL RESIDENTIAL SETTING METHOD



TYPICAL COMMERCIAL SETTING METHOD



Space Detector

eTRI-TECH General Specifications

ePIR	Detection Method:	Quad (Four element) ePIR	Alarm Period:	2 sec	Operating Humidity Range:	95% max relative humidity
	Power input:	9.6 - 16 Vdc	Alarm Output Relay:	N.C 28 Vdc 0.1A with		non condensing
	Current Consumption:	Standby: 16mA (± 5%)		10 Ohm in line resistor	RFI Protection:	30V/m 10 -2000MHz
		Active with LED: 16mA (± 5%)	Tamper Switch:	N.C 28 Vdc 0.1A with	EMI Protection:	50,000V electrical
		Active w/o LED: 13mA (± 5%)		10 Ohm in line resistor		Interference from lightning
	Detection Range:	60ft. (18m); 80ft. (24m)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	Pet Immunity:	up to 65Lbs. (30Kg.)
		as required	Storage Temperature:	-22°F to 158°F	Dimensions:	5" x 2.5" x 2"
Sounder	Output:	105db (±5)	Operational Consumption:	80mA / 9-12 Vdc	Cutoff Time (ACP OFF):	3 minutes, repeatable
Back-Up	Power Source:	9V Standard / Rechargeable	Stand By:	48 HRS+		
LED-Matrix	Brightness Level:	60K LUX +	Operational Consumption:	120mA	Cutoff Time (ACP OFF):	3 minutes, repeatable