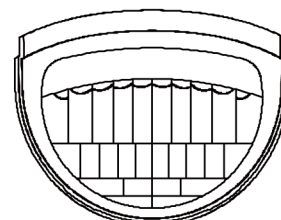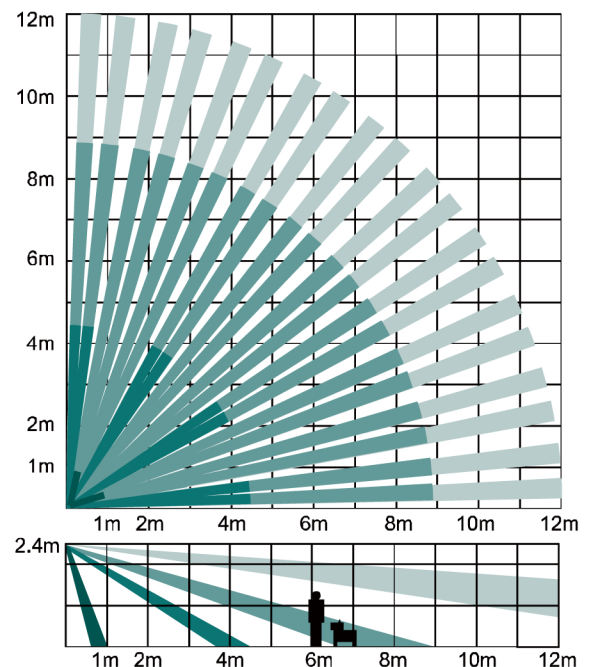# DS-PDPC12P-EG2-WE
Wireless PIR-Camera Detector

PIR-Camera Detector is a fully supervised two-way wireless detector with built-in high quality camera which can provide an ideal solution for video verification via motion pictures transmitted to an ARC or to personal phones via APPs. Protect your premises day and night by viewing real-time images for fast and accurate response to real alarm events.

Key Features

- SEC (Smart Environmental Control) - Advanced digital signal processing and 3D optics
- Polarizing IR lens design for more uniform night illumination and excellent night shots
- Large integrated memory buffer for image storage
- Fully remote configurable through App
- Multiple enrollment method and easy installation design
- Easy replaceable battery with PCB protected

Lens Diagram

(a) Detection Range
85.9°
52 zones
4 planes

DS-PDPC12P-EG2-WE		
PIR	Detection range	12m
	Coverage angle	85.9°
	Detection speed	0.3 to 2 m/s
	Creep zone protection	Supported
	Auto sensitivity	Supported
	Pet immunity	Up to 30Kg
	Digital temperature compensation	Supported
	Technology	Digital microprocessor based
	Sealed optics	Supported
	Direct light filter	6500lux
	Tamper protection	Front and back
	LED indicator	Alarm (blue)
	Encapsulated PCB	Supported
Camera	Lens coverage	88°(H), 68°(V)
	Sensor type	CMOS
	Auto day and night	Color/Black & White
	IR LED	1 IR LED
	IR Range	12m
	Image type	JPEG
	Image size	160x120, 320x240, 640x480
Wireless technical characteristics	Wireless technology	CAM-X Wireless Technology
	Two-way wireless communication	Supported
	Transmission frequency	868MHz
	RF range	800m (open space)
	Transmission encryption	AES-128 encryption
	Enrolling methods	Power up, remote ID and QR code
	Signal strength indicators	Supported
	Environment temperature indicator	Supported
Electrical and battery	Battery	CR123A x 3 (included)
	Standard battery life	6 years
Environmental and operating features	Dimension (W × H × D)	72.2mm × 120.5mm × 56.7mm
	Weight	210g
	Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)
	Operating temperature	-10 °C to 55 °C (14 °F to 131 °F)
	Operating humidity	10% to 90%
Mounting	Installation height	1.8 to 2.4m
	Bracket	Optional wall and ceiling accessory

1st Photo transmission time	
- 160 x 120	5s (5KB per image)
- 320 x 240	6s (10KB per image)
- 640 x 480	12s (60KB per image)
Internal memory buffer	
- 160 x 120	160 images (5KB per image)
- 320 x 240	80 images (10KB per image)
- 640 x 480	25 images (30KB per image)