

iHMS Hotel Controls

Luxury hotel guest room management systems

Product Specification Sheet

5 meter Standard Type



10 meter Detection Type



Product Type		Passive Infra Red (PIR) occupancy sensor	
Product Number		810-5m-9v	810-10m-9v
Range		5 meter	10 meter
Operating voltage		9V DC	
Dimensions	Diameter	52.23mm	
	Depth	35.65mm	
	Ceiling hole Diameter	44~45mm	
	Tilt Diameter	35.50mm	
	Lens Diameter	10mm	17mm
Enclosure Colour		White	
Lens Colour		Black or White	
Environment		Indoor use only	
		0°~60°C	
		RH <96%	
Discreet flashing LED indicates movement detected (for engineering purposes, not visible to the guest).			
Excellent resistance to electromagnetic noise			
High Signal/Noise ratio to minimize false operation			
Environment-friendliness with “Lead-free” element			

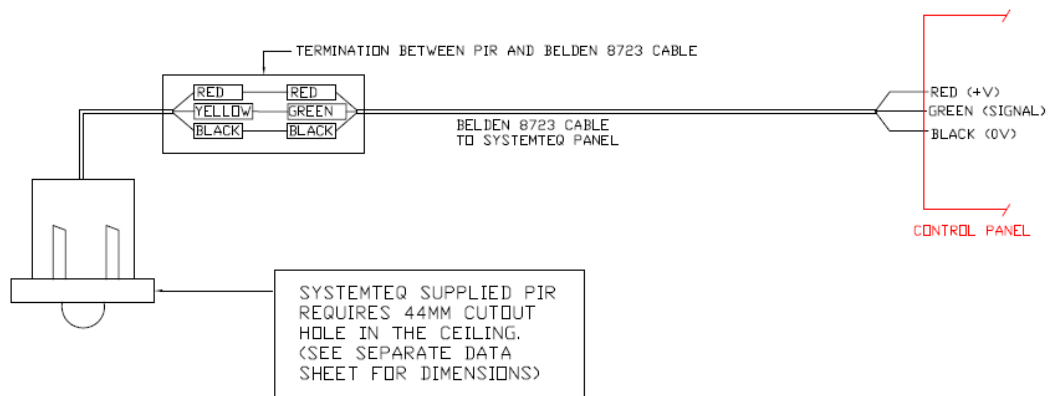
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Lens type	Standard type	Slight motion detection type	Spot detection type	10m detection type	Measuring Conditions
					1. Detectable difference in temperature between the target and background is more than 4°C 7.2°F. 2. Movement speed 1) Digital output type Standard type/Spot type/10m detection type: 0.8 to 1.2m/s Slight motion detection type: 0.5m/s 2) Analog output type Standard type/Spot type/10m detection type: 0.5 to 1.5m/s Slight motion detection type: 0.3 to 1.0m/s
Detection Distance	5m	2m	5m	10m	
Detection Range (Horizontal x Vertical)	100° x 82°	91° x 91°	38° x 22°	110° x 93°	
Detection zone	64 zones	104 zones	24 zones	80 zones	3. Detection object: human body (size is 700mm x 250mm 27.559inch x 9.83inch) (for the slight motion detection type, 200mm x 200mm 7.874inch x 7.874inch)

PIR INSTALLATION/CONNECTION SCHEMATIC



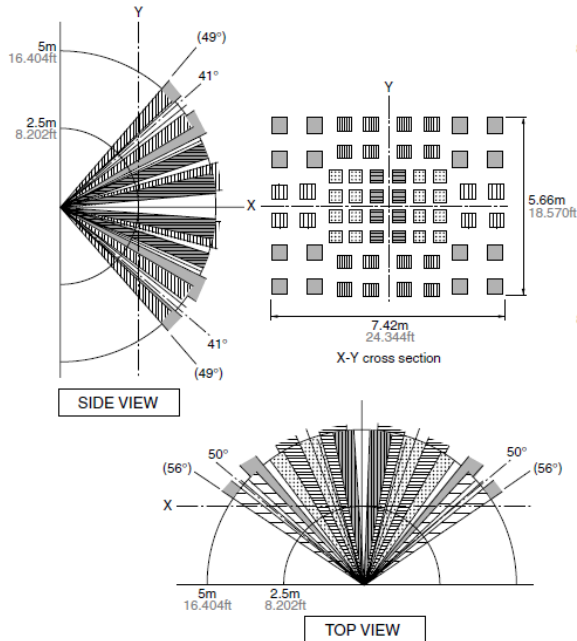
PIR SENSOR IS INSTALLED FOR CONTROL PURPOSES

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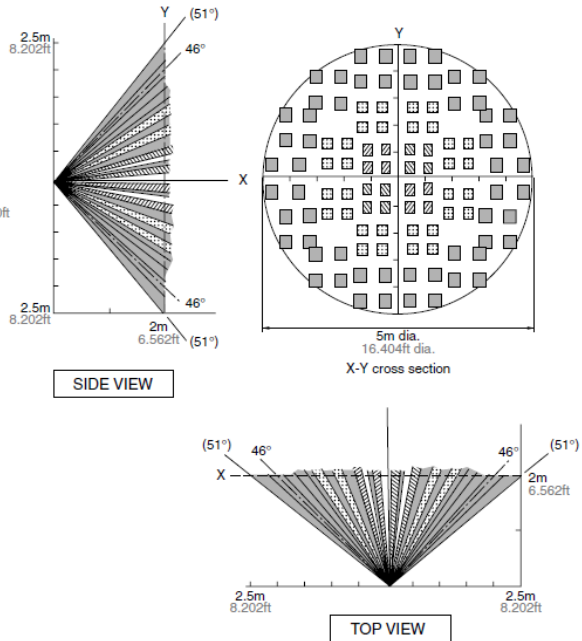
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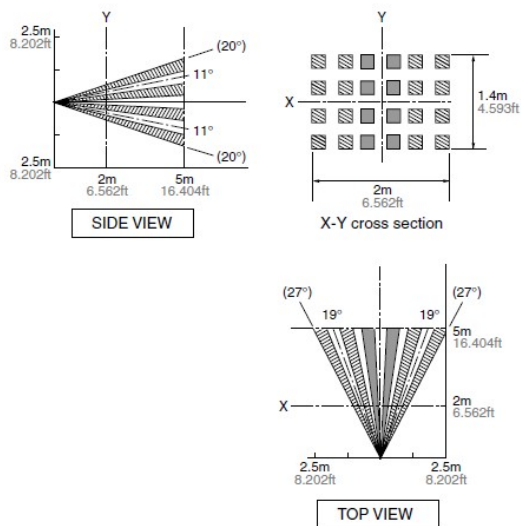
Standard 5 meter detection Type



Slight motion detection type



Spot Detection Type



10 meter detection type

