

PIR Motion Detector

KB-P1

Wired PIR

Software features	
Arm modes	Away/Stay
Hardware features	
Type	Wired
Power	DC 10V~15V
Sensor	Infrared
Electrical characteristics	
Working Current	≤150uA(Static current), ≤30mA(Alarm current)
Operation temperature	-20 °C to +60 °C
Transmitted power	10mW
Display	
LEDs status	Alarm, Fault, Battery low
General Specifications	
Dimensions (L x W x H)	130mm*64mm*43mm , ±1mm
material	Plastic
Color	White
Installation Height	2~2.2m
Weight	86.5 g
Detective Angle	110°C
Detective Distance	12m



KB-PI2-W

Wireless PIR Motion Detector

Detection Performance	
Detection Range	12m
Detection Angle	110°
Pet Immunity	Up to 35kg
Sensitivity	3-Level Adjustable (via App)
Detectable Speed	0.3 ~ 2 m/s
Detection Interval	30 ~ 180s Adjustable (Default: 60s)
Wireless Specifications	
Radio Frequency	868MHz
Wireless Protocol	FSK with Two-Way Communication
Transmission Range	Up to 800 meters (Open Area)
Electrical & Power	
Power Supply	Battery: DC 3V (1x CR123A)
Battery Life	Up to 5 Years (Based on 10 triggers/day)
Operating Current	50mA
Static Current	≤ 30μA
General Specifications	
Dimension	114.6 x 61.1 x 43.5 mm
Installation Method	Wall-mount (Screws or 3M Tape)
Tamper Alarm	Supported
Operating Temperature	-10°C ~ 55°C
Operating Humidity	5% ~ 95%RH (non-condensing)
Compliance Standards	CE



KB-PO1-W

Wireless Outdoor Wide-Angle PIR

Detection Performance	
Detection Method	Dual-Technology (implied by 10.525 GHz spec)
Detection Range	16 meters
Detection Angle	90°
Pet Immunity	≤ 35 KG
Sensitivity	3 Levels Adjustable via App
Electrical & Power	
Power Supply	Battery: 2 x CR123A
Operating Voltage	DC 3.0V
General Specifications	
Dimensions	153 x 80 x 58 mm
Optimal Install Height	2-2 meters
Installation Method	Wall-mounted
Bracket Type	Adjustable Bracket Included (180° Left-Right, 30° Top-Bottom)
Protection Class	IP54 (Dust & Splash Resistant)
Operating Temperature	-10°C ~ +55°C
Operating Humidity	5% ~ 95%RH (non-condensing)
Compliance Standards	EN 50131-2-4, CE



KB-PC1-W

Wireless Curtain PIR Detector

Detection Performance	
Detection Range	12m(Wall-mounted) 8m (Ceiling mounted)
Detection Angle	15°
Wireless Specifications	
Radio Frequency	868MHz
Wireless Protocol	FSK
Transmission Range	800m / 400m (Open area)
Electrical & Power	
Power Supply	Battery: DC 3V (1x CR123A)
Battery Life	~5 Years
Operating Current	50mA
Static Current	≤ 35μA
General Specifications	
Dimensions	132 x 34 x 43 mm
Installation Method	Wall-mounted or Ceiling-mounted
Installation Height	2.4m (Wall) / 3.6m (Ceiling)
Operating Temperature	-10°C ~ 55°C
Operating Humidity	5% ~ 95%RH (non-condensing)
Compliance Standards	CE

