

## Choice of Security Professionals Worldwide



## Burglar Alarms & Detectors Digest Catalogue

Digital Photoelectric Beam Detector

MPB Series



Modern Design, Auto Response Time Control & Waterproof IP55

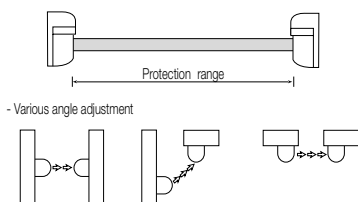
Model	MPB-30D2	MPB-30D4	MPB-30D4(Terminal)
Number of Beams	2	4	4
Protection Range	Outdoor / Indoor : 15m		
Response Time	100 ~ 700ms		
Supply Voltage	DC 10 ~ 25V (Polarity)		
Current	Max, 90mA	Max, 100mA	Max, 150mA
Tamper Output	Dry contact relay output NC(Receiver only)		
Alarm Output	Dry contact relay output 1C, Contact action : Detection time 2±0.5sec Contact capacity : 30V(AC/DC), 1A or less		
Beam Adjustment	190° (±95°) Wide angle adjustment		
Temperature	-20℃ ~ 60℃		
Mounting Site	Outdoor / Indoor wall or window frame		
IP Rating	IP 55		
Dimensions	440x34x35mm	832x34x35mm	990x39x45mm
Material	Aluminum, PC resin, ABS resin		
Optional	Pole bracket(4pcs/set)		

PB-30D/60D



4-Channels, Anti-Frost Cover & Monitor Output Function

Model	PB-30D	PB-60D
Protection Range	Outdoor : 30m / Indoor : 60m	Outdoor : 60m / Indoor : 120m
Detection System	Simultaneous breaking of 2 beams	
Number of Channels	4 Channels	
Response Time	50 ~ 700ms	
Supply Voltage	DC 10.8 ~ 25V (Non-Polarity)	
Current	Max, 72mA	
Tamper Output	Dry contact relay output NC(Receiver only)	
Alarm Output	Dry contact relay output 1C, Contact action : Detection time 2±0.5sec Contact capacity : 30V(AC/DC), 1A or less	
Beam Adjustment	Horizontal : ±95°, Vertical : ±10°	
Temperature	-20℃ ~ 60℃	
Dimensions	73 x 177 x 84mm	
IP Rating	IP 44	
Optional	Pole bracket(2pcs/set), Transmitter tamper switch, IP 54	

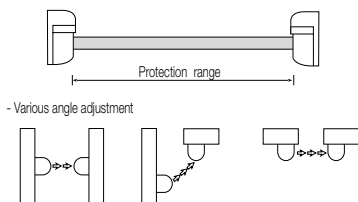


PB-100A



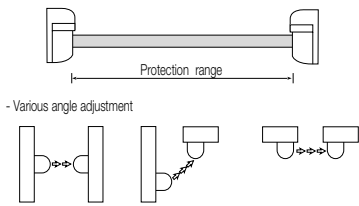
4-Channels, Anti-Frost Cover & Monitor Output Function

Model	PB-100A
Protection Range	100m
Detection System	Simultaneous breaking of 2 beams
Number of Channels	4 Channels
Response Time	50 ~ 700ms
Supply Voltage	DC 10.8 ~ 25V (Non-Polarity)
Current	Max, 89mA
Tamper Output	Dry contact relay output NC(Receiver only)
Alarm Output	Dry contact relay output 1C, Contact action : Detection time 2±0.5sec Contact capacity : 30V(AC/DC), 1A or less
Beam Adjustment	Horizontal : ±90°, Vertical : ±10°
Temperature	-20℃ ~ 60℃
Dimensions	78 x 196 x 82mm
IP Rating	IP 54
Optional	Pole bracket(2pcs/set)



Photoelectric Beam Detector

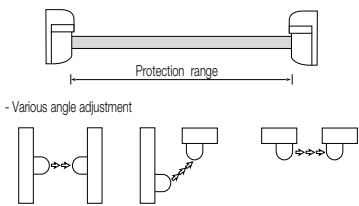
**PB-30P**



■ Mini size & Available in Ivory/Black

Model	PB-30P
Protection Range	Outdoor : 15m/30m , Indoor : 30m
Detection System	Simultaneous breaking of 2 beams
ResponseTime	50 ~ 700ms
Supply Voltage	DC 10,8 ~ 25V (Polarity)
Current	Max. 57mA
Tamper Output	Dry contact relay output NC(Receiver only)
Alarm Output	Dry contact relay output 1C, Contact action : Detection time 2 ± 0,5sec Contact capacity : 30V(AC/DC), 1A or less
Beam Adjustment	Horizontal : ±90° , Vertical : ±5°
Temperature	-20℃ ~ 60℃
Mounting Site	Outdoor / Indoor
IP Rating	IP 44
Dimensions	66 x 67 x 125mm
Optional	Pole bracket(2pcs/set), Base bracket

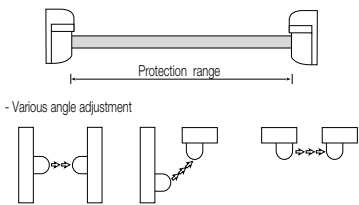
**PB-10S/30S/60S(COLOR)**



■ Available in Ivory/Black & Monitor Output Function

Model	PB-10S(Color)	PB-30S(Color)	PB-60S(Color)
Protection Range	Outdoor:10m/Indoor:30m	Outdoor:30m/Indoor:60m	Outdoor:60m/Indoor:120m
Detection System	Simultaneous breaking of 2 beams		
ResponseTime	50 ~ 700ms		
Supply Voltage	DC 10,8 ~ 25V (Non-Polarity)		
Current	Max. 57mA		
Tamper Output	Dry contact relay output NC(Receiver only)		
Alarm Output	Dry contact relay output 1C, Contact action : Detection time 2 ± 0,5sec Contact capacity : 30V(AC/DC), 1A or less		
Beam Adjustment	Horizontal : ±95° , Vertical : ±10°		
Temperature	-20℃ ~ 60℃		
Dimensions	79 x 182 x 89mm		
IP Rating	IP 44		
Optional	Pole bracket(2pcs/set), Transmitter tamper switch, IP 54		

**PB-30SA/60SA/80SA/100SA**

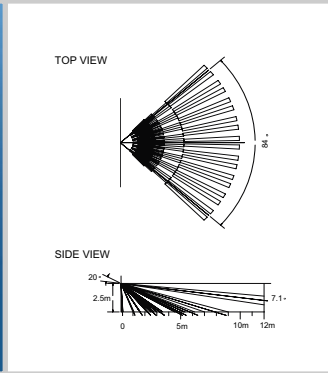


■ Advanced Weather Protection & Durability

Model	PB-30SA	PB-60SA	PB-80SA	PB-100SA
Protection Range	Outdoor : 30m Indoor : 60m	Outdoor : 60m Indoor : 120m	Outdoor : 80m Indoor : 160m	Outdoor : 100m Indoor : 200m
Current	Max. 46mA	Max. 61mA	Max. 80mA	Max. 88mA
Detection System	Simultaneous breaking of 2 beams			
Response Time	50 ~ 700mS			
Supply Voltage	DC 10,8 ~ 25V (Non-Polariry)			
Tamper Output	Dry contact relay output NC(Receiver only)			
Alarm Output	Dry contact relay output 1C, Contact action : Detection time 2 ± 0,5sec Contact capacity : 30V(AC/DC), 1A or less			
Beam Adjustment	Horizontal : ±95° , Vertical : ±10°			
Temperature	-20℃ ~ 70℃			
IP Rating	IP 55			
Dimensions	72 x 167 x 78mm			
Optional	Pole bracket(2pcs/set), Transmitter tamper switch			

Passive Infrared Detector

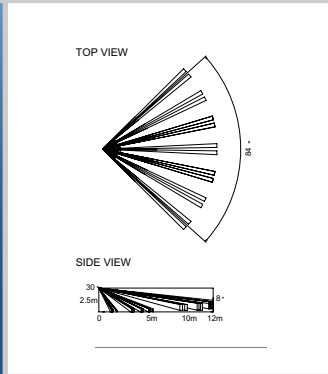
PA-4012P



■UL Approved, PET Immunity & Alarm Memory Function

Model	PA-4012P
Protection Range	Wide angle 12m, 84°, 46pairs(92 zone)
Supply Voltage	DC 10~18V(Polarity)
Alarm Output	Dry contact relay output (NC/NO)
Current	Max, 15mA
Temperature	-20°C ~ 60°C
Mounting Site	Indoor (ceiling / Wall)
Dimensions	110 x 65 x 47mm
Features	Auto Sensitivity Control, PET immunity(15kg)

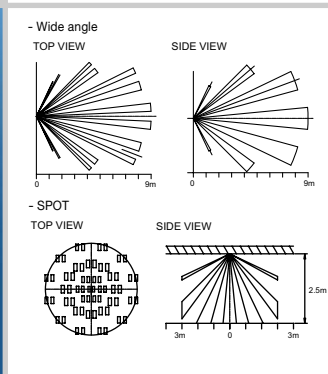
PA-0112



■UL Approved, 360 Rotation & Reverse Side Detection

Model	PA-0112
Protection Range	Wide angle 12m, 84°, 17pairs(34 zone)
Supply Voltage	DC 10~18V(Polarity)
Alarm Output	Dry contact relay output (NC/NO)
Current	Max, 15mA
Temperature	-35°C ~ 66°C
Mounting Site	Indoor (ceiling)
Dimensions	∅ 131 x 48mm
Features	Auto Sensitivity Inhibition Control, etc.

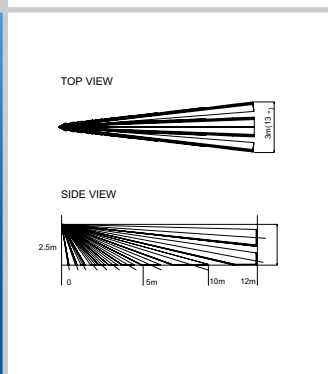
PA-4109W



■Compact Design

Model	PA-4109W
Protection Range	Wide angle : 9m / Spot : 6m
Supply Voltage	DC 8~18V(Polarity)
Alarm Output	Dry contact relay output (NC/NO)
Current	Max, 20mA
Temperature	-20°C ~ 60°C
Mounting Site	Indoor (ceiling / Wall)
Dimensions	39 x 62 x 30mm
Features	Auto Sensitivity Inhibition Control, etc.

PA-0112DD



■Directional / Non-Directional Selectable

Model	PA-0112DD
Protection Range	Vertical angle 12m, 22pairs(44zone)
Supply Voltage	DC 8~18V(Polarity)
Alarm Output	Dry contact relay output (NC/NO)
Current	Max, 25mA
Temperature	-20°C ~ 60°C
Mounting Site	Indoor (ceiling)
Dimensions	∅ 131 x 48mm
Features	Auto Sensitivity Inhibition Control, etc.



Other Detector

DS-30A/25B/25C



Magnetic Contacts (Wired Type)

Model	DS-30A	DS-25B	DS-25C
Distance	More than 30mm	More than 25mm	More than 25mm
Contact Type	SPST(COM,NC)	SPST(COM,NP\O)	SPDT(COM,NC,NO)
Contact Rating	DC 100V, 0,4A or Less		DC 30V, 0,2A or Less
Temperature	-20℃ ~ 50℃		
Dimensions	65x14x14mm		

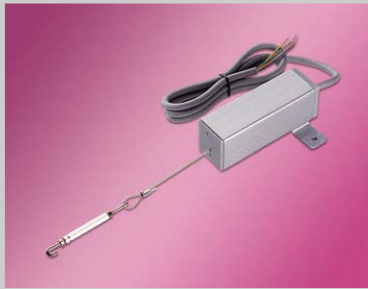
MS-6



Magnetic Contacts (Terminal Type)

Model	MS-6
Distance	More than 30mm
Contact Type	SPST(Setting : NC / Alarm : NO)
Contact Rating	DC 200V, 0,5A or Less
Temperature	-20℃ ~ 70℃
Dimensions	Sensor : 50x12x13mm, Magnet : 50x10x3mm

TT-01N



Trap Tension Detector

Model	TT-01N
Detecting Range	8m
Contact Type	C Type (COM,NC,NO)
Contact Capacity	AC 125V, 5A or Less
Temperature	-20℃ ~ 60℃
Dimensions	111x34x12mm

HD-15



Strobe Warning Light

Model	HD-15
Supply Voltage	DC 10 ~ 14V(Polarity)
Current	120mA or less
Number of blink	60±10times/min(DC12V)
Temperature	-20℃ ~ 60℃
Dimensions	74x140x78 mm

ES-001



Emergency Switch

Model	ES001
Type	Latch type / C type
Air Pressure	1 Air pressure
Contact Rating	DC 30V, 0,3A or Less
Temperature	-5℃ ~ 50℃
Dimensions	∅70 x 27mm



## Company Information

KMT Co., Ltd is a professional manufacturer of burglar alarms since its establishment in 1988. We have gained a strong reputation in local market and overseas market for having quality products and services based on continuous R&D. Our quality SASO products are officially registered in online catalogues of major alarm distributors. We have earned few international certifications such as CE, RoHS, UL and CCC to meet our customers' request. Please visit our website [www.isaso.com](http://www.isaso.com) for product information and download e-catalogue.

**For all inquiries, please contact [overseas@isaso.com](mailto:overseas@isaso.com)**

## Product Line-up

- Photoelectric Beam Detector : Multi / Dual / Mini
- Passive Infrared Detector : Wall / Ceiling / Directional / Mini
- Magnetic Contacts : Wired / Terminal
- Trap Tension(Fence) Detector
- Shock Detector / Glass Break Detector
- Emergency Switch / Strobe Warning Light



### **KMT CO., LTD.**

TEL : 82-31-789-0953 / FAX : 82-31-789-0910

Website : [www.isaso.com](http://www.isaso.com) / e-mail : [overseas@isaso.com](mailto:overseas@isaso.com)