

# Photo Electric Beam Detector

**SASO-PB30P/PB60P, PB30A/PB60A**

The SASO photo electric beam detectors transmit an invisible modulated infrared beam between a Transmitter and a Receiver across an area to be protected.



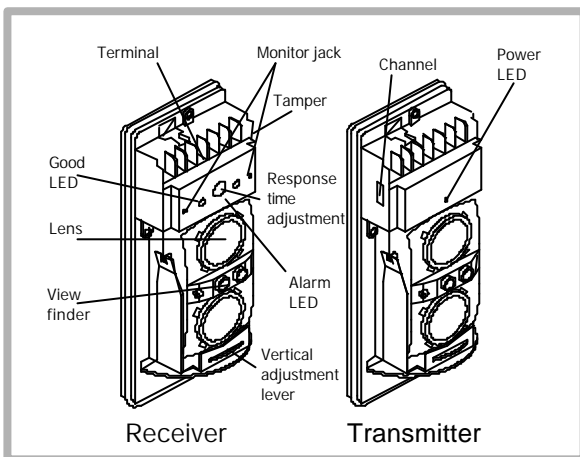
- Digital CPU for greater stability
- Selectable 4-channel beam frequencies(SASO-PB30A/60A)
- Lighting & surge protection
- Environment discrimination program
- Lens of high effectiveness increase Transmitter and Receiver performance, and decrease false alarms
- Programmed AGC function LED display
- Visible alarm indicator
- IP rating 54

# PHOTO ELECTRIC BEAM DETECTOR

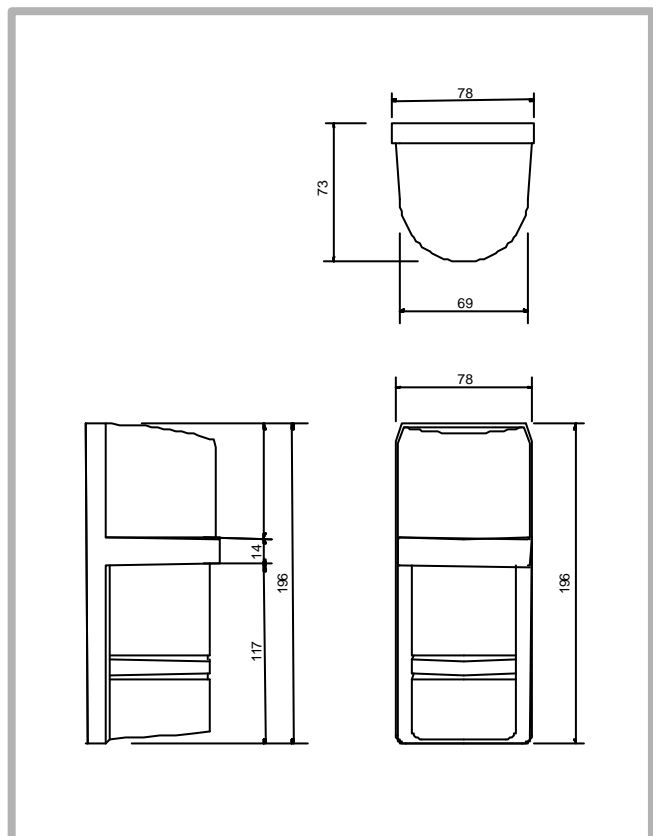
## Specifications

MODEL	SASO-PB30P	SASO-PB60P	SASO-PB30A	SASO-PB60A
Protection range	30m	60m	30m	60m
Detection method	Twin synchronized pulsed beams			
Infrared beam	Double modulation pulsed beam by IR LED			
Multi channel	-		Selectable 4-channel beam frequency	
Response time	50 ~ 700mS			
Supply voltage	DC 10 ~ 30V(Non-polarity)			
AGC Voltage	Alarm : Less than 1.5V, Ready : 2 ~ 2.2V, Good : More than 2.2V			
LED	Transmitter : Green LED(Power) Receiver : Green LED(Good) / Red LED(Alarm)			
Current	Receiver : Less than 42mA, Transmitter : Less than 30mA			
Alarm output	Dry contact relay output 1C(COM, NC, NO) Reset : Interruption time+off-relay (approx. 1sec)			
Tamper output	Dry contact, Micro S/W(COM, NC)			
Temperature	-25'c ~ +55'c			
Beam adjustment	Horizontal - 180', Vertical : 20'			
Material	Cover (PC resin), Base (ABS resin)			
Weight	Receiver : 348g, Transmitter : 335g			
IP rating	IP 54			

## Parts description



## Dimensions



## Terminal Assignment

