

SBT-30/60/80/100

outdoor 30m

outdoor 60m

outdoor 80m

outdoor 100m

SBM-50/75/100/150

outdoor 50m

outdoor 75m

outdoor 100m

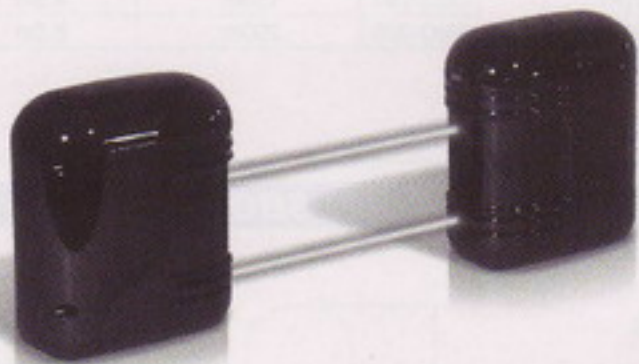
outdoor 150m

SBQ-100/150/200

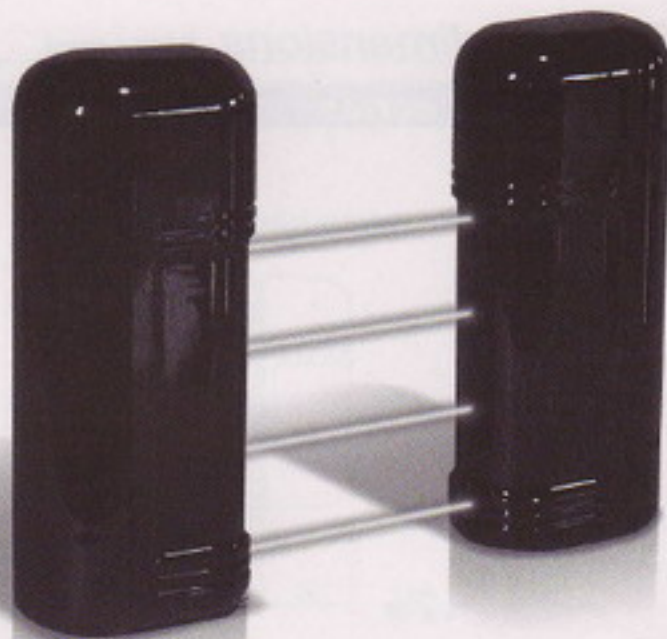
outdoor 100m

outdoor 150m

outdoor 200m

SBT series

200 Times of Detecting Allowance

SBQ series

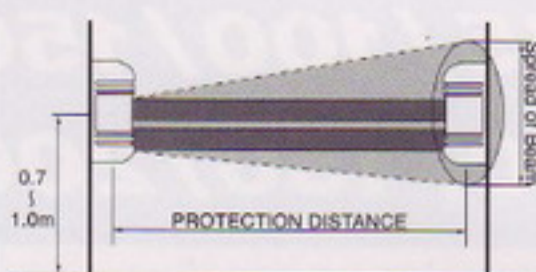
400 Times of Detecting Allowance

SBM series

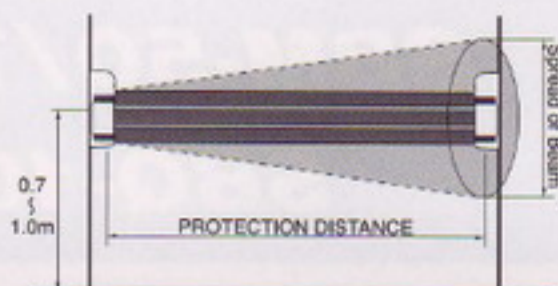
400 Times of Detecting Allowance

FEATURES

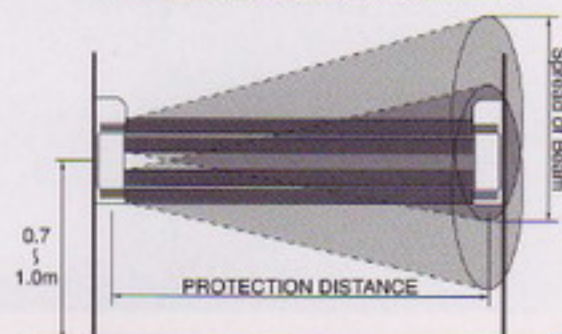
- Dual-Beam (SBT series) design, Triple-Beam (SBM series) design and Quad-Beam (SBQ series) design for greater stability.
- Auto Gain Control Circuit enables the sensor to work in adverse Environmental Conditions (rain, fog, snow etc.)
- Digital Filter Circuit (used in SBT-30S/60S/80S/100S, SBM-50S/75S/100S/150S and SBQ-100S/150S/200S) provides false alarm protection caused by car light, electric noise and mutual interferences etc.
- SBT series available in 30m, 60m, 80m and 100m range models.
- SBM series available in 50m, 75m, 100m and 150m range models.
- SBQ series available in 100m, 150m and 200m range models.
- S type of SBT series, SBM series and SBQ series with 4 channel selectable switch also available. (SBT-30S/60S/80S/100S, SBM-50S/75S/100S/150S, SBQ-100S/150S/200S)
- Separate receiver LEDs for beam alignment, received light level, alarm, and transmitter power LED indication provided.
- Built-in viewfinders for optical axis adjustment. Both horizontal and vertical adjustment are provided at the receiver and the transmitter with alignment and signal level LEDs at the receiver to confirm optimum adjustment.
- Mist hung preventing cover design.
- Surge Absorb Circuit prevents the sensor from damage by thunder.
- Tamper protected.
- Blocking time adjustment is provided for specific target movement rate detection.
- Option : pole and pole installing attachment ; Heater (only for SBQ series)

Protection distance**SBT series**

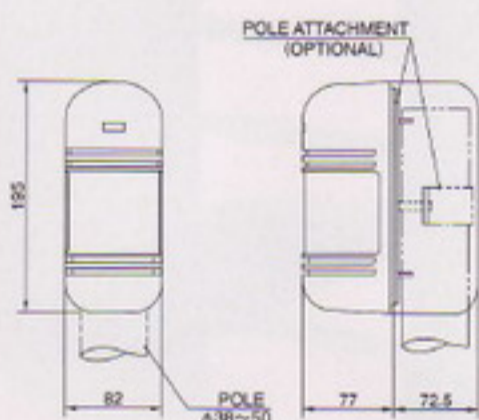
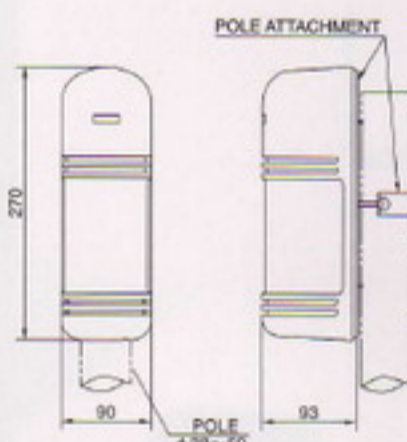
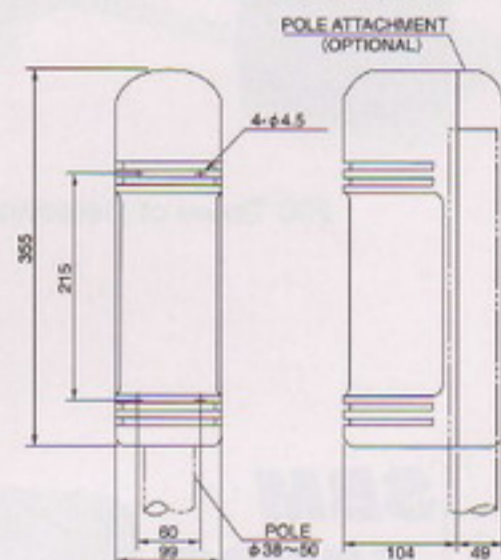
Model	Detecting distance	Spread of beam
SBT-30	30m	0.9m
SBT-60	60m	1.8m
SBT-80	80m	2.4m
SBT-100	100m	3.0m

SBM series

Model	Detecting distance	Spread of beam
SBM-50	50m	1.50m
SBM-75	75m	2.25m
SBM-100	100m	3.00m
SBM-150	150m	4.50m

SBQ series

Model	Detecting distance	Spread of beam
SBQ-100	100m	3.0m
SBQ-150	150m	4.5m
SBQ-200	200m	6.0m

External dimensions (Unit : mm)**SBT series****SBM series****SBQ series****Specifications**

Model	SBT	SBT-S	SBM	SBM-S	SBQ	SBQ-S
	30/60/80/100	30/60/80/100	50/75/100/150	50/75/100/150	100/150/200/250	100/150/200/250
Protection range	30/60/80/100 (m)		50/75/100/150 (m)		100/150/200/250 (m)	
Distance allowance	420/840/1,130/1,400 (m)		1,000/1,500/2,000/3,000 (m)		2,000/3,000/4,000/5,000 (m)	
Infrared beam	2-beam		3-beam		4-beam	
Detection system	2 beam simultaneous cut-off detection		3 beam simultaneous cut-off detection		4 beam simultaneous cut-off detection	
Light source	Infrared LED					
Response time	50-700 msec				35-700 msec	
Alarm output	SPDT changeover relay rated at 0.5A max 24V AC/DC (N.C./N.O.)					
Power required	DC10.5-28V					
Power consumption	65/70/75/75mA		70/80/90/100mA	85/95/105/115mA	95/100/110/120mA	95/100/120/130mA
Temperature	-25°C~+55°C					
Tamper output	SPST contacts (N.C.)					
Optical axis horizontal adj.	±90°					
Optical axis vertical adj.	±10°		±8°		±12°	
Collimator	Finder (peep window)					
Multi channel available	N/A	4CH	N/A	4CH	N/A	4CH
Measure for moisture / frost	Slit type cover				Slit type cover, heater option	
Other additional function	Sensitivity monitoring output terminal, OK monitoring (Bad environment monitoring & DQ-LEVEL L/H switch available on SBQ-S series)					
Weight (TX/RX)	330g		700g		970g	1,060g

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