

The value of safety---- Is to effectively prevent the loss of life and property.



Professional Security Equipment
Manufacturer



SENGATE

Taiwan Security Net Co., Ltd.

• Since 1980 •



SENGATE

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75 / 150 / 250M QUAD PHOTOELECTRIC BEAM SENSOR

4PH-75BQE/4PH-150BQE

4PH-250BQE

- A.G.C. (Automatic Gain Control) Circuit.
- 99% beam blocking stability
- Double modulation of the synchronized pulse beam & 4 channel selectable beam frequencies
- Environment detection & alarm function.
- Wireless (RF) alignment function



★ 50 / 100 / 200M QUAD PHOTOELECTRIC BEAM SENSOR

4PB-50AD/4PB-100AD/4PB-200AD

- Double the stability and anti-environment interference
- Low infrared scattering, greatly reducing reflection from wall or ground
- A.G.C. (Automatic Gain Control) Circuit.
- 99% beam blocking stability
- Double modulation of the synchronized pulse beam & 4 channel selectable beam frequencies
- Environment detection & alarm function.
- Wireless (RF) alignment function

★ 30 / 60M TWIN PHOTOELECTRIC BEAM SENSOR

2PH-30H / 2PH- 60H

- Double the stability and anti-environment interference
- A.G.C. (Automatic Gain Control) Circuit.
- 99% beam blocking stability
- Excellent rain-breaking housing design (Patent NO. M423982)



15M SINGLE PHOTOELECTRIC BEAM SENSOR

PH-15FA (Embedded rain-breaking design)

- Horizontal $\pm 15^\circ$ Vertical $\pm 5^\circ$
- Excellent rain resistance and can be used for outdoor driveway control
- High efficiency aspheric lens used
- LED 3-step fast focus adjustment

PH-15SA (Surface mount)

- Horizontal $\pm 15^\circ$ Vertical $\pm 5^\circ$
- High efficiency aspheric lens used
- LED 3-step fast focus adjustment
- Suitable for embedded/mount 2 types to design in decoration options



Precisely perceive everything between the static and the dynamic.

30 / 60M TWIN PHOTOELECTRIC BEAM SENSOR

2PH-30C / 2PH- 60C

- A.G.C. (Automatic Gain Control) Circuit.
- 99% beam blocking stability
- High efficiency aspheric lens used
- Sophisticated housing design for rainproof, anti-dew, dustproof, insect proof



2PH-30DQ / 2PH-60DQ

- A.G.C. (Automatic Gain Control) Circuit.
- 99% beam blocking stability
- Double modulation of the synchronized pulse beam & 4 channel selectable beam frequencies
- Wireless (RF) alignment function

★ 2PB-30AD / 2PB-60AD

- Double the stability and anti-environment interference
- A.G.C. (Automatic Gain Control) Circuit.
- 99% beam blocking stability
- Double modulation of the synchronized pulse beam & 4 channel selectable beam frequencies
- Wireless (RF) alignment function

15M TWIN PHOTOELECTRIC BEAM SENSOR

2PH-15A

- A.G.C. (Automatic Gain Control) Circuit.
- 99% beam blocking stability
- High efficiency aspheric lens used
- Sophisticated housing design for rainproof, anti-dew, dustproof, insect proof



100 / 150M TWIN PHOTOELECTRIC BEAM SENSOR

2PH-100A / 2PH-150A

- A.G.C. (Automatic Gain Control) Circuit.
- 99% beam blocking stability
- High efficiency aspheric lens used
- Sophisticated housing design for rainproof, anti-dew, dustproof, insect proof

2PH-100BQ / 2PH-150BQ

- A.G.C. (Automatic Gain Control) Circuit.
- 99% beam blocking stability
- Double modulation of the synchronized pulse beam & 4 channel selectable beam frequencies
- Wireless (RF) alignment function



★ 2PB-100AD / 2PB-150AD

- Double the stability and anti-environment interference
- A.G.C. (Automatic Gain Control) Circuit.
- 99% beam blocking stability
- Double modulation of the synchronized pulse beam & 4 channel selectable beam frequencies
- Wireless (RF) alignment function

★ TAUT WIRE FENCE DETECTOR

PS-780(Wall mount type) / PS-781(Hanging type)

- Built-in micro switch, precise and stable on/off operation.
- Built-in led calibration window, no-power supply required, easily inspection and adjustment
- Contact capacity: 30VDC / 0.3A
- Glue filling 100% Water proof, IP-68 (Patent NO. M373531)



TAUT WIRE POLE-STAND

PS-60(H 60cm) / PS-85(H 85cm)

- Taut wire Pole-stand for three or five taut wire.
- Ø 32mm stainless tube.
- Installation spacing: Set up one taut wire Pole-stand at every two meters



MAGNETIC SHUTTER SENSOR (TOP MOUNT)

PR-620

- Contact capacity : 30VDC / 0.1A
- Operation distance: 80mm (Maximum)
- Angle adjustment ±90°, Height adjustment range 72mm.



MAGNETIC SHUTTER SENSOR (SIDE MOUNT)

PR-630

- Contact capacity : 30VDC / 0.1A (Maximum)
- Operation distance: 60mm (Maximum) (Patent NO. M293965.)



Every little motion is in your sight.

GLASS SENSOR

GS-380(Spring wire)

GS-380C(Straight wire)

- Contact capacity : 24VDC / 40mA (max.)
- Detection range : Radius of 180cm.



★ LIMITED-LOADING BREAKER

PS-10

- Designed for taut wire fence detector PS-780 / PS-781.
- Overload protection: If the pull strength is bigger than 7.5kg, the wiring would be freed automatically
- Prevent the wire broken, and save the maintenance time dramatically (Patent NO. M373531)



★ Emergency Button

BT-860-000 / BT-860-000F / BT-860-00M / BT-860-00MF / BT-860-0L0 / BT-860-0L0F / BT-860-0LM / BT-860-0LMF (Stepless)

BT-860-200 / BT-860-200F / BT-860-20M / BT-860-20MF / BT-860-2L0 / BT-860-2L0F / BT-860-2LM / BT-860-2LMF (Two-step)

- Contact capacity : 30VDC / 0.1A
- Color change indication
- 1 or 2-step button. Total 16 kinds of model (Patent NO. M369531)



Model Naming Rule

BT-860-XXXX

Type	Button	Installation type	Embedded accessories
0	Stepless	F	Y
2	Two-step	Blank	N/A

LED indicator	Button indicator OFF/ON
L	LED Yellow/Red light
O	No LED

Color	Alarm Memory
M	Y
O	N/A

MAGNETIC SWITCH

(BROWN/GREY/WHITE color)

MS-46 B/G/W

- Contact capacity : 30VDC / 0.1A (Maximum)
- Detecting range: 25mm

MAGNETIC SWITCH

(BROWN/GREY/WHITE color)

MS-50 B/G/W

- Contact capacity : 30VDC / 0.1A (Maximum)
- Operation distance: 25mm



EMBEDDED MAGNETIC SWITCH

MS-60(9Øx15 NC.) / MS-61(9Øx15 NC.)

MS-62(9Øx20 NC.) / MS-63(9Øx20 NC.)

- Contact capacity : 30VDC / 0.1A (Maximum)
- Operation distance : 15mm



★ MS-64(19Øx21 NC.)

MS-65(19Øx21 NC. / NO.)

- Contact capacity : 30VDC / 0.1A (Maximum)
- Operation distance : Height 30mm above, Width 20mm above
- (Patent NO. I598920)



10M PHOTOELECTRIC CURTAIN BEAM SENSOR

PHC-50LD / PHC-100LD / PHC-150LD / PHC-200LD

- 2/4/6/8 defense lines, different length models choices
- High density infrared curtain sensors.
- Horizontal Angle adjustment > ±90°, Easy Installation.
- Increasing infrared sensors, excellent stability & longer lifetime.



Sophisticated equipment is the most reliable defense for your home safety.

EMBEDDED MAGNETIC SWITCH

MS-66(9Øx20 NC.)

MS-67(9Øx20 NC.)

- Contact capacity : 30VDC / 0.1A (Maximum)
- Operation distance : 15mm



MS-68(19Øx21 NC.)

- Contact capacity : 30VDC / 0.1A (Maximum)
- Operation distance : 20mm



P01MS6003

Ø19 adaptor

- Ø19 Embedded magnetic switch adaptor



TOWERS FOR PHOTOELECTRIC BEAM SENSOR (SINGLE SIDED)

1M / 1.5M / 2M / 2.5M / 3M

TA-120-100 / TA-120-150

TA-120-200 / TA-120-250

TA-120-300

- Large and wide area, safer, more sophisticated appearance design
- Single-sided, double-sided, multiple lengths and sizes option
- Durable aluminum-extrusion and stainless side bracket



TOWERS FOR PHOTOELECTRIC BEAM SENSOR (DOUBLE SIDED)

1M / 1.5M / 2M / 2.5M / 3M

TA-130-100 / TA-130-150

TA-130-200 / TA-130-250

TA-130-300

- Large and wide area, safer, more sophisticated appearance design
- Single-sided, double-sided, multiple lengths and sizes option
- Durable aluminum-extrusion and stainless side bracket

