

AUTO DOOR SENSOR

DA-301E



DA-391 : Ceiling mount type

DA-391U : Flush mount type

HIGH-DENSITY DETECTION PATTERN (32 ZONES/4 ROWS)

INSTALLATION HEIGHT UP TO 3m

SLIM DESIGN WITH 30mm THICK BODY

HIGH DENSITY DETECTION PATTERN

- High-density detection pattern with 4 rows in depth and 8 areas per line (32 zones in total) enables DA-301E to surely detect passengers from door-side or the standing person near door-rail.
- Each line can be turned off with a dipswitch, so DA-301E can meet any detection area at narrow or wide space.
- Fine tune within 5degrees available by sensor body itself.
- Pattern depth and width are adjustable by, dip switches, pattern width and pattern angle adjustments.

PRESENCE TIMER SELECTABLE

- Presence timer is selectable for 2sec., 15sec., 60sec. and ∞.

2-WAY POWER SYSTEM

- DA-301E is equipped with 2-way power system.
(Powered by 100V AC and 12 to 24V AC/DC)

SELF-DIAGNOSTIC FUNCTION

With the self-diagnostic function, the sensor continuously monitors itself.

When the sensor malfunction is detected by the sensor, Red and Green LED light alternately and an alarm signal is outputted.

BUILT-IN MPU CONTROL

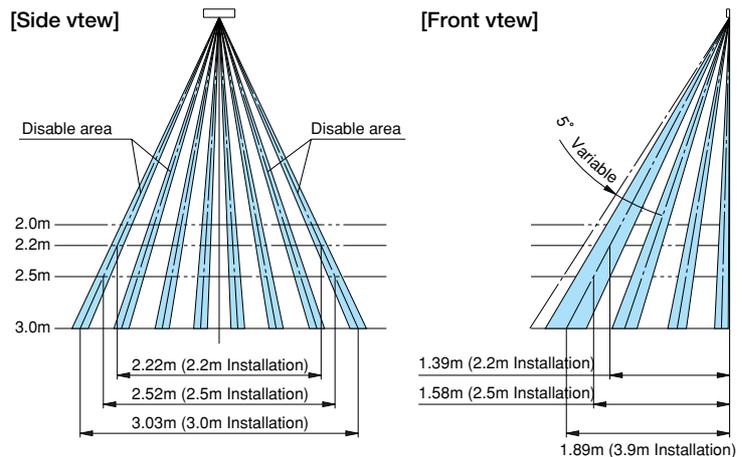
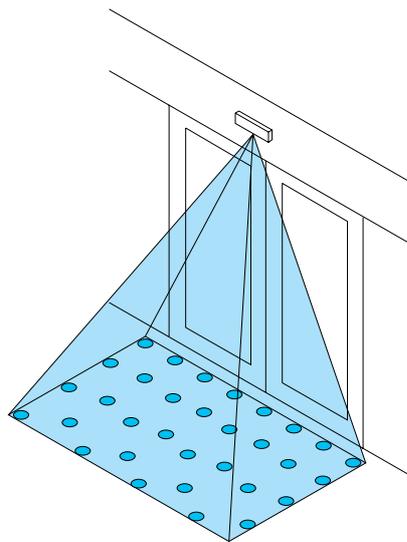
- Stable detection at snow, or in the flying insects situation is kept by "snow mode".
- Four separate selectable frequencies enable 4 sensors to be installed in the small space without crosstalk of the frequencies.

WIDE COLOR VARIATION

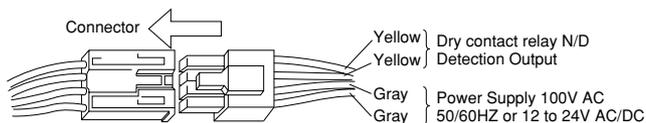
- Five colors: Bronze, Silver, White, Black and Mirror are available.

AUTO DOOR SENSOR

DETECTION AREA



WIRING CONNECTION



OPTIONAL

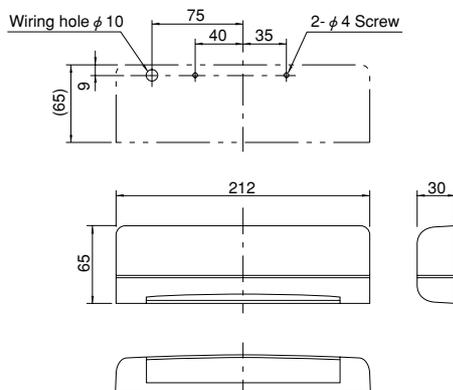
● Waterproof cover
(BK-301)



● Bracket
(MB-301)



EXTERNAL DIMENSIONS (unit:mm)



SPECIFICATIONS

Mode	DA-301E
Detection system	Near infrared beam
Max. installation height	3m
Sensitivity adjustment	Adjustable
Frequency	4 frequencies selectable with a dip switch
Area adjustable range	Main body adjustable angle: 0° to 5° Pattern depth: 1 line to 4 lines Pattern width: adjustable by Area switch
Power supply	100V AC±10% 50/60Hz or 12V to 24V AC/DC±10%
Power consumption	1.8VA or less or 80mA or less
Contact output	Dry contact relay N/O, 50VDC 0.1A or less (Resistive load)
Output holding time	Approx. 0.5sec.
Presence timer	Selectable with a dip switch (2sec., 15sec., 60sec. or)
LED	Detection: Red Operation: Green Attenuation: Orange Trouble: Red and Green
Ambient temperature	-20°C to +60°C
Weight	190g

Please note : This sensor is designed to detect intrusion and to initiate an alarm; it is not a burglary or a crime preventing device. TAKEX is not responsible for damage, injury or losses caused by accident, theft, Acts of God (including inductive surge by lightning), abuse, misuse, abnormal usage, faulty installation or improper maintenance.

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