

**TAKEX**

# PHOTOELECTRIC BEAM AUTO DOOR SENSOR

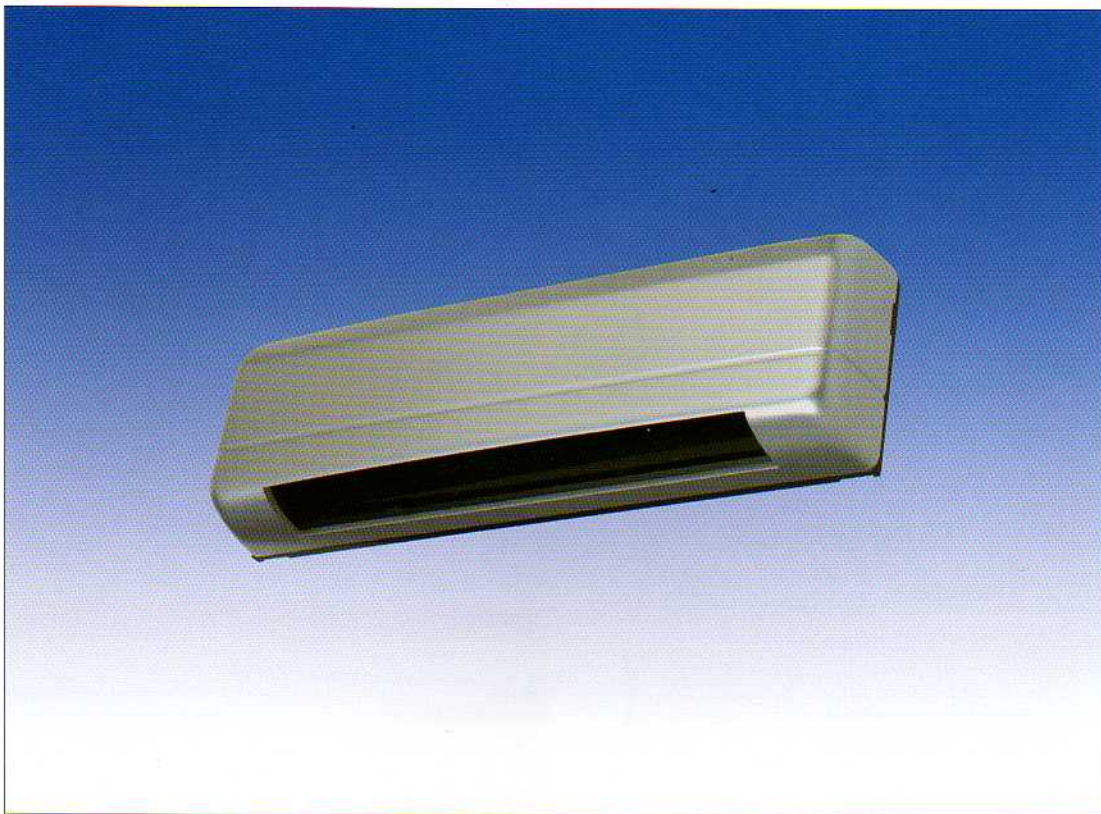
DA-101E (B). DA-101E (S). DA-101E (W). DA-101E (BL)

BRONZE

SILVER

WHITE

BLACK



## LOW COST TYPE STATIONARY DETECTION AUTO DOOR SENSOR !

Auto door sensor DA-101E series is designed to issue a signal to auto-door engine, by detecting the moving human or object with near infra-red beam.

### STATIONARY DETECTION

- 4 steps of Stationary detection time "2 secs" "15 secs" "60 secs" "180 secs" are selectable by DIP switches.

### 2 WAY POWER SYSTEM

- Applicable for both of AC/DC power supply

### SELECTABLE FREQUENCY

- 4 frequencies are selectable to prevent interference when more than 2 sensors are used in close proximity to each other.

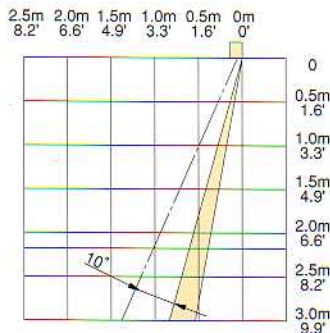
### CONVENIENT PATTERN ADJUSTMENT

- The body of the sensor can be rotated vertically from 0° to 10° (5 steps).
- Patterns for single or double doors can be selected with pattern width switch.

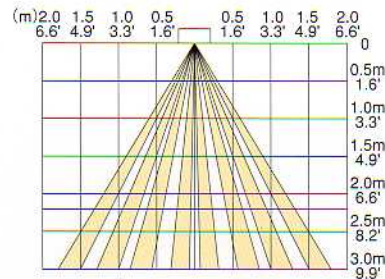
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## DETECTION AREA

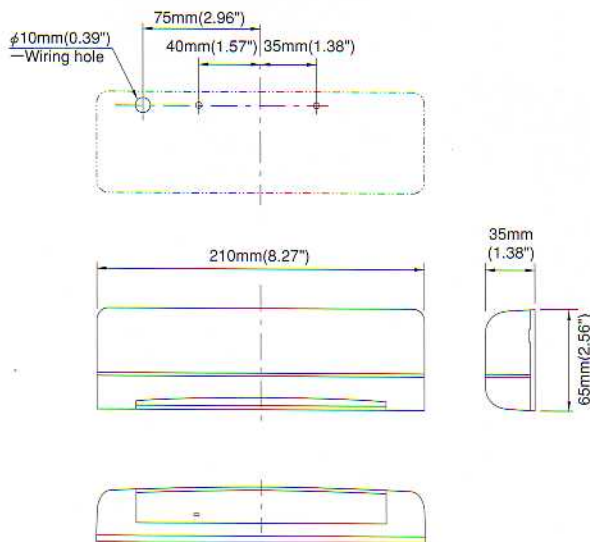
### <SIDE VIEW>



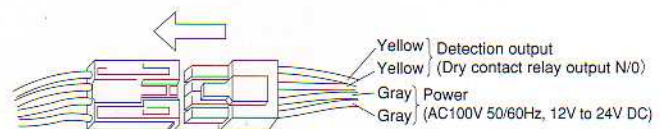
### <FRONT VIEW>



## EXTERNAL DIMENSIONS (unit:mm)



## WIRING CONNECTION

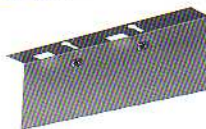


## OPTIONAL

●Waterproof cover  
<BK-301>



●Bracket  
<MB-301>



## SPECIFICATIONS

Model	DA-101E Motion & Presence Sensor
Detection Method	Active Infrared Detection
Maximum Installed Height	3m (10ft.)
Pattern Adjustments	Pattern Width (wide or narrow) Pattern Depth Angle Adjustment 0° to 10° in 5 steps Sensitivity
Power Supply	12 to 24V AC or DC +/- 10% GRAY wires (non-polarity)
Power Consumption	AC24V-1.3VA, AC12V-1.0VA DC24V-40mA, DC12V-80mA
Output Contact	Relay: DC50V 0.1A (Resistor Load ) Yellow Wire: Normally Open Yellow Wire: Common
Output Holding Time	Approx. 0.5 seconds
Presence Timer	Limits of 180, 60, 15 and 2 seconds
LED Indication	RED-Detecting, GREEN-Standby
Temperature Range	-4 F° to 140 F° (-20°C to 60°C)
Weight	0.190kg (0.42lbs.)
Color	Black or Silver (Painting is possible)
Accessories	Cable : 2.0m (6.5ft), Mounting Template, Installation Instructions

**Please note :** This sensor is designed to detect intrusion and to initiate an alarm; it is not a burglary-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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