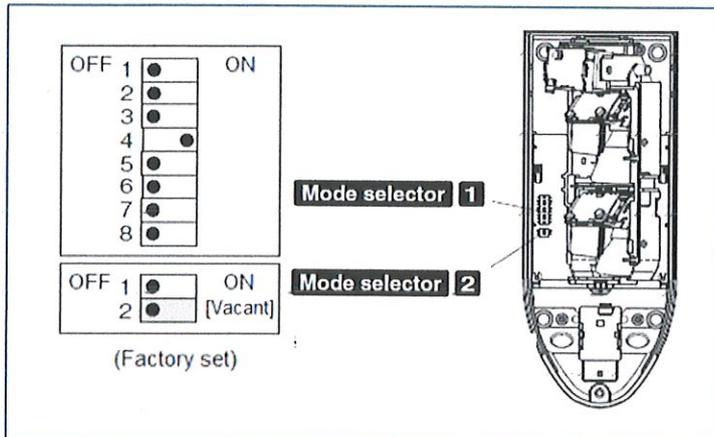


# TAKEX

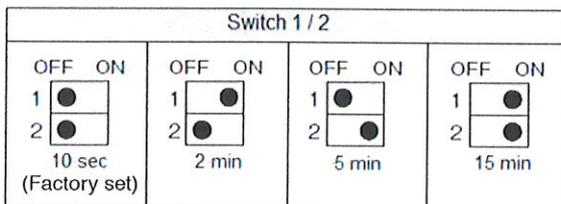
## TRIPLE MIRROR PASSIVE TLX-127N(W) / (BL) (Vertical curtain protection)

### Description of mode selector

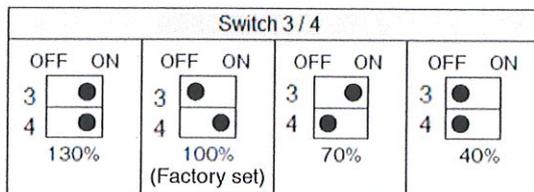


#### Mode selector 1

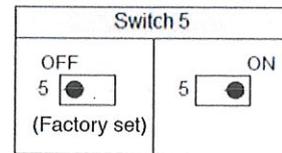
##### Transmission interval setting



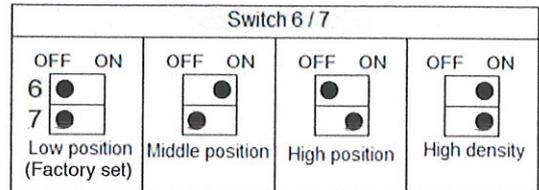
##### Sensitivity setting



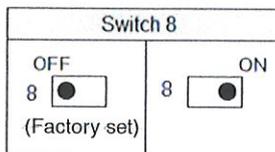
##### Environmental adjustment setting



##### Operation mode setting

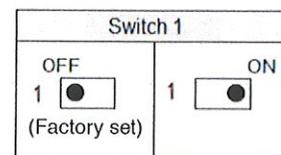


##### Creep zone detection setting



#### Mode selector 2

##### Short detection distance setting



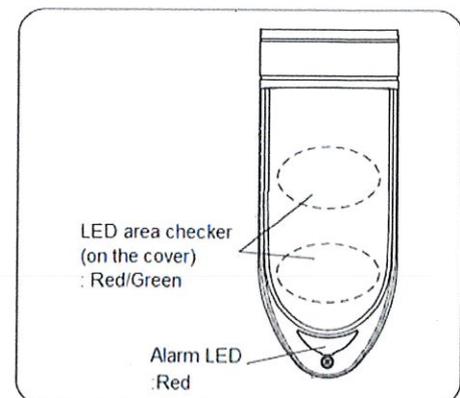
### Description of LED operation

#### [ Alarm LED ]

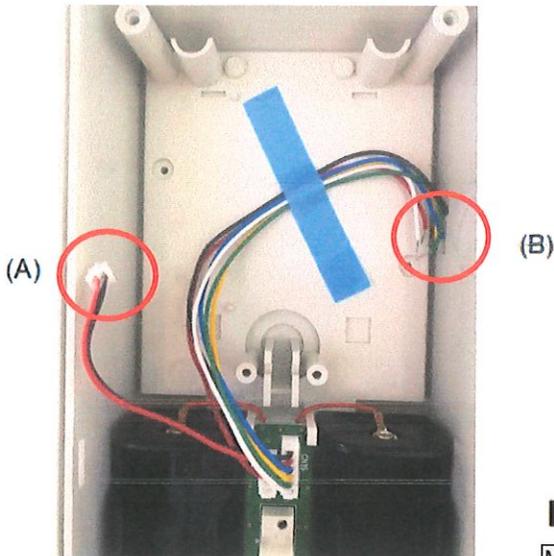
- Lights up (for approx. 1 sec) → when detecting intrusion (in walk test mode)
- Blinks (for approx. 1 min) :
  - During warming-up (blinks approx. 1min after power-on)
- Keeps blinking (1) :
  - Low battery (blinks until battery replaced)
  - Self diagnosis error (blinks until the unit returns to normal operation)
- Keeps blinking (2) :
  - Alignment lever error (blinks until it returns to normal position)
- Keeps blinking (3) :
  - Cover monitor error (blinks when cover is replaced and stops after 10 sec when detecting twice)

#### [ LED area checker ]

- Keeps blinking ...
- Alignment lever error (blinks until it returns to normal position)



## ■Wiring



**(A) : Power connector (Battery)**

- + : Red
- : Black

**(B) : Contact output (non-polarity)**

- Alarm : Yellow, Blue
- Tamper : White, Green
- Low battery : Red, Black

## ■Specifications

Model	BATTERY OPERATED TRIPLE MIRROR PASSIVE SENSOR
Model number	TLX-127N(W) / (BL)
Detection system	Passive infrared (Triple mirror + Fuzzy)
Detection area	Vertical curtain protection Detection distance : Max 45m(High density mode), 46rays(23pairs)
Power supply	SAFT lithium-thionyl batteryLS33600(3.6VDC) x 1 or 2 pcs
Battery life	Approx. 3 years (at normal temperature, 100 times transmission/day with 1 battery)
Contact operation	<ul style="list-style-type: none"> <li>• Alarm output : when detecting intrusion</li> <li>• Tamper output : cover monitor error</li> <li>• Alarm + Tamper : self diagnosis error/alignment position error</li> <li>• Periodic transmission : fixed time interval</li> <li>• Low battery : when occurring (output by alarm/periodic transmission)</li> </ul>
Alarm LED	Red LED : Blinks during warm up Lights up when detection intrusion (only in test mode) Keeps blinking in the event of cover monitor error Keeps blinking in the event of alignment position error Keeps blinking in the event of self diagnosis error Keeps blinking in the event of low battery error
LED area checker	Red/Green LED : Keeps blinking in the event of alignment position error
Functions	Sensitivity selection Self diagnosis Low battery monitoring Temperature compensation Alignment position monitoring Environmental adjustment Creep zone detection Walk test
Mounting height	2.0 to 6.0 m (varies depending on operation mode) • Low position : 2.0 to 2.5m (Max. detection distance : 40m) • Middle position : 2.5 to 3.5m (Max. detection distance : 35m) • High position : 3.5 to 4.0m (Max. detection distance : 30m) • High density : 2.0 to 6.0m (Max. detection distance : 45m)
Area angle adjustment	Horizontally $\pm 90^\circ$ (in $5^\circ$ steps) Vertically $17^\circ$ (without steps)
Ambient temperature range	-20 to +60°C (no condensation and freezing) (Battery performance may deteriorate below 0°C or above +40°C.)
Mounting position	Indoor / outdoor wall (mountable on pole/ceiling using optional accessories)
IP rating	IP55
Appearance	Body/Window : Resin (white)

### Limited Warranty :

TAKEX products are warranted to be free from defects in material and workmanship for 12 months from original date of shipment. Our warranty does not cover damage or failure caused by Acts of God (including inductive surge by lightning), abuse, misuse, abnormal usage, faulty installation, improper maintenance or any repairs other than those provided by TAKEX. All implied warranties with respect to TAKEX, including implied warranties for merchantability and implied warranties for fitness, are limited in duration to 12 months from original date of shipment. During the Warranty Period, TAKEX will repair or replace, at its sole option, free of charge, any defective parts returned prepaid. Please provide the model number of the products, original date of shipment and nature of difficulty being experienced. There will be charges rendered for product repairs made after our Warranty period has expired.

## TAKENAKA ENGINEERING CO., LTD.

In Japan

**Takenaka Engineering Co., Ltd.**  
 83-1, Gojo-Dori, Sotokan Nishi-iru, Higashino,  
 Yamashina-ku, Kyoto 607-8156, Japan  
 Tel : 81-75-501-6651

<https://www.take-ex.co.jp/>

In the U.S.

**Takex America Inc.**  
 1810 Oakland Rd, Suite F,  
 San Jose, CA 95131, USA  
 Tel : 408-747-0100

<https://www.take-ex.com>

In Australia

**Takex America Inc.**  
 4/15 Howleys Road, Notting Hill,  
 VIC, 3168  
 Tel : +61 (03) 9544-2477

<https://www.take-ex.com>

In the U.K.

**Takex Europe Ltd.**  
 Aviary Court, Wade Road,  
 Basingstoke, Hampshire. RG24 8PE, U.K.  
 Tel : (+44) 01256-475555

<https://www.take-ex.com>