CR123 BATTERY HOLDER CRH-5 (2 pcs / package)

The CRH-5 is a pack of two battery holders each with a capacity of 4 batteries needed when using CR123A batteries. These are included in SL-100/200 TNR-CRH. Each holder can contain 4 batteries. 8 batteries are needed on each beam. Batteries are to be purchased separately.

POWER CONVERT UNIT PCU-5

The PCU-5 is a voltage converter needed to hard wire the receiver and transmitter.

VIZTRO D size lithium battery SB-D2HP

- Nominal voltage: 3.6 V
- Nominal capacity: 1800 mAh
- Maximum recommended continuous current: 200 mA
- Maximum recommended peak current: 500 mA
- Operating temperature range: -20°C to +60°C
- UL certificates: MH18384

BATTERY OPERATED PHOTOELECTRIC DETECTOR

Smart Line™ series

SL-100 TNR
30 m / 100 ft. model

SL-200 TNR
60 m / 200 ft. model

SL-100 TNR-CRH
Includes 4 battery holders (two packs of CRH-5)

SL-200 TNR-CRH
Includes 4 battery holders (two packs of CRH-HS)

Wireless or hybrid perimeter protection for quick installations

The SL-TNR offers a cost-effective and versatile solution to protect a perimeter line up to 60m long, where cabling is an issue or inconvenient.

Both the transmitter and receiver beams can be battery powered using D size lithium battery or universal CR123A batteries and the receiver can also be hard-wired.
**Great flexibility with power options**

With high density lithium batteries

The SL-TNR series has been designed to work with D size lithium batteries, the one we recommend is Vitrax D size battery. By using 2 Vitrax D batteries in the transmitter and in the receiver (4 batteries in total), the battery life expectancy is approximately 6 years. The batteries could also power the wireless transmitter when using the battery common unit BCU-6®.

With universal CR123A lithium batteries

The SL-TNR can also be powered by universal CR123A batteries, which are very easily available and cost-effective. 8 pieces are needed for each wireless beam, and can provide a approximately battery life of 1 year. For each wireless beam, a pack of two battery holders (CR123A) containing 4 batteries each is required.

Hybrid with the receiver being hardwired

For site configurations where one beam is close to a main power source but the other beam needs to be wireless, the SL-TNR features the option to hard wire the infrared beam receiver. This is possible by purchasing a PCU-5® power converter.

**Other key features**

Simplified Battery Replacement

Batteries can be accessed without touching the main unit eliminating the need to re-align the beams.

IR communication for low battery signal

The SL-TNR features an infrared communication between the transmitter and the receiver which signals the low battery status. It means that no wireless transmitter is necessary in the transmitter beam for this functionality. The system would only need one wireless transmitter on the receiver beam. If however the customer would like to monitor the status of wireless transmitter’s battery separately, a second wireless transmitter will be necessary on the transmitting beam.

**Wireless-Ready**

How to add the SL-TNR to your wireless enabled alarm panel

To connect easily a battery powered the SL-TNR to your wireless panel, the following steps should be followed:

1. Take one of your panel manufacturer’s wireless transmitter.
2. Register the wireless transmitter on the wireless alarm panel.
3. Place the wireless transmitter in the SL-TNR’s rear compartment (back box) and connect the alarm and tamper pair to wireless transmitter.
4. When battery power of the SL-TNR is shared with the wireless transmitter, use the BCU-5 (option).

A range of applications can be triggered by the SL-TNR

**Innovative mechanical design**

Sniper Viewfinder with 2x magnification

The new telescopic lens has a high level of visibility for optical alignment work.

Vivid interior color

Easy to view vivid interior color for optical alignment.

Weather protection IP65

Rubber packing is used for all conceivable points where water or dust may penetrate, such as wiring holes and wire points.

Wireless transmitter storage space

350 (400) x 34 x 113 (109) x 67 (59) mm

Anti-frost main unit cover

The hoods prevent frost forming on active infrared beams.

Aspherical optical lens

The high grade aspherical lens creates more sharply defined and precise active infrared beams compared to ordinary transmitters.

Battery cover

Easy to access the battery holder and change batteries.

**Basic performance**

- Battery saving function
- Beam interruption adjustment function
- Form C (N.O. / N.C.) alarm output