Meiji

Meiji 8000V

THE FUTURE IN GUARD PATROL SYSTEM

Meiji 8000V guard tour reader is designed for the harshest environments. The metal body and molded rubber shell, which protect the electronics against damage and secure the collected data, are the key points to 8000V reader's extreme durability. With special waterproof pad and adhesive, the reader is so waterproof that it even can work under water. Furthermore, over 60,000 reads are able to be stored before the next download of data.

The 8000V guard tour reader works with the popular RFID tag. With a simple non-contact swipe, you can access information from tag, and then download patrol data to our intellectualized management software with a USB port cable. The information reports can demonstrate the guards patrolling activities.

Features

- Alloy body, molded rubber shell, super durability
- Non-contacting reading
- Completely waterproof
- Sabotage absorbent, resistant to electrical shock
- USB cable communications, high download speed
- Super storage capacity 4Mb Flash (60,000 records)
- Read RFID tag
- Easy maintenance
- Reading distance ≤ 5 cm
- Brilliant exterior design, easy operation
- Real time internal clock
- Low power consumption and long battery life (270,000 continuous reads)

Technical Information

Meiji 8000V	
Physical	Metal body; molded rubber shell
Dimensions	130mm x 40mm x 28mm
Working Frequency	125KHz
Operating Temperature	-45° to +85°C
Humidity	10% to 98% non-condensing
Memory	4Mb Flash ROM
Storage Capacity	60,000 records
Battery	3.0 V lithium battery, 1200mAh
Signal Card Detection	Auto induction card-reading
Card Reading Distance	3cm - 5cm
Communication	USB cable, 57600 BPS, 4000 records per minute
Weight	196g

Features

RFID tags can withstand intentional sabotages, read from long distances (0-5cm) and operate in wide temperature ranges. They are waterproof and sealed inside non-metallic material walls. The tags in the shape of button, circle, key ring, nail and cylinder are usable as guard tour checkpoints and installed either on or beneath wall surfaces. Key chain card (attachable type: personnel or incident) is for identifying patrol personnel of events and incidents. The working frequency is 125KHz.

Technical Information

RFID tag	
Physical	Water-resistant ant; ABS plastic case
Shape	Nail, button, circle, key ring and cylinder shape, etc.
Weight	About 2g
Operating Temperature	-20° C to +50°C
Working Frequency	125KHz
Battery	None
Data Storage	Unique 64-bit serial number (read-only)

USB communication cable

This cable can be used to connect between the reader and PC, which is accordance with DY/T1019, IEC61156, ANSI/EIA/TIA-568 standard.

Hardware quick start guide

1. The patrolling guard takes the reader and reads his own Guard ID to identify himself with the system.
2. The patrolling guard proceeds to the checkpoints whereby the Reader will automatically read each RFID tag. Manual touch is not required. A flash of the red indicator light accompanied by a “beep” means a reading of the signal card’s ID number and the time is completed and recorded in the 8000V reader. This process applies to every station reading.
3. Upon completion of patrolling, use the USB port cable to connect the computer and the Reader directly to create a data analysis for management report purposes.

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