New RFID Guard Tour System

New Meiji 8000V5 Guard Tour System is an updating product – with Pogo pin connector instead of the normal USB port – which makes the device more guard proof and water proof. With special water proof pad and adhesive, the reader can work in the water. Furthermore, up to 60,000 records can be stored before the next download of data.

New Meiji 8000V5 works with RFID tags. With a simple non-contact swipe, the reader can read information from the tags and then upload all the petrol records by a Pogo pin connecting cable to the management software in a computer to generate reports on the guards' patrolling activities.


Pogo Pin Cable


Guard ID Card


Charger


CD

Features

- Military component
- Super durable silicon tank in metal body with rubber shell outside
- IP67 standard
- Pogo pin connecting cable for high download speed
- Non-contact reading of RFID tag
- Completely guard proof and waterproof
- Sabotage absorbent and resistant to electrical shock
- Super storage capacity - 4Mb Flash ROM (up to 60,000 records)
- Power off protection
- REG colourful LED indication
- Reading distance up to 5cm
- Real time internal clock

Technical Information

Dimensions	: 144mmx 47mm x 30mm
Working Frequency	: 125KHz
Operating Temperature	: -45° to +85° C
Memory	: 4Mb Flash ROM
Storage Capacity	: Up to 60,000 records
Battery	: 3.7 V rechargeable battery (800mAh)
Signal Card Detection	: Auto induction card reading
Card Reading Distance	: 3 - 5cm
Communication	: Pogo pin connecting cable (57600 BPS) - 4,000 records per minute
Weight	: 227g

Applications

Supervising of guards
Supervising of service producers
Monitoring service (i.e. stocking vending machines)
Supervision of personnel work time and place
Airport protection and supervision of workers
Warehouse systems (identification)
Police patrolling
Military patrolling
Nurses' daily rounds
Remote equipment inspections and maintenance

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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