MENGQI-CONTROL 101Z contact-GT 20 2

MENGQI-CONTROL Guard Patrol Reader iButton Guard Tour Wand Reader

Model: 101Z contact-GT 20 2

1. Introduction and Overview

This manual provides essential instructions for the proper use and maintenance of your MENGQI-CONTROL Guard Patrol Reader. This device is designed to be a reliable component of a complete guard patrol system, facilitating efficient and accurate recording of patrol activities.

Important Note: This reader is part of a comprehensive patrol system. A dedicated data downloader and checkpoints are required to establish a fully functional system. For a complete system, please refer to product B0716WNFBD.

2. Key Features

- **Efficient Data Recording:** Touch the checkpoint button with the wand reader. A red light flash and an audible beep confirm successful recording.
- **Windows-Based Software:** Utilize the accompanying Windows software to download electronic history records, providing precise details on when and where checks were performed. (Note: Software supports all Windows systems (32-bit & 64-bit); it does NOT support Apple MAC systems.)
- **Durable Design:** The wand reader features a rugged, waterproof construction, designed to withstand challenging environments.
- **Low Power Consumption:** Optimized for very low energy consumption, ensuring long operational periods.
- **High Storage Capacity:** Capable of storing up to 10,000 records.
- **Extended Battery Life:** Supports up to 350,000 continuous readings on a single charge.
- **Battery Status Alerts:** Provides automatic alarms for both full charge and low power conditions.
- **Anti-Repeated Reading:** Special design features prevent accidental repeated readings of checkpoints.
- **Easy Operation:** Simple touch-and-read functionality for user-friendly operation.

3. Setup

Setting up your Guard Patrol Reader involves preparing the checkpoints and configuring the software.

3.1. Checkpoint Preparation

Before deployment, each checkpoint needs to be identified and programmed using the software.



Figure 1: Guard Patrol Reader scanning an iButton checkpoint. The reader is held over a small, circular metal iButton, which is labeled '1: Gate Door'.

3.2. Software Installation and Configuration

The system software is Windows-based. Ensure you have a compatible Windows computer for setup and data management.

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Video 1: Metal iButton Guard Patrol Track System. This video demonstrates the process of labeling checkpoints, reading them with the wand reader, and then enrolling them into the Windows-based software. It shows how to connect the wand to the computer via a download station and assign names to each checkpoint for detailed record-keeping.

The software allows you to:

- Download data from the reader.
- Assign names and descriptions to each checkpoint.
- Manage patrol routes and schedules.
- Generate detailed patrol reports.

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Video 2: Introduction to Product Use. This video provides a general overview of the product's functionality and how it integrates into a patrol system, including basic setup and operation steps.

4. Operating Instructions

Using the Guard Patrol Reader is straightforward:

4.1. Performing a Patrol

1. Approach a designated checkpoint.
2. Gently touch the tip of the wand reader to the iButton checkpoint.
3. Wait for a red light flash and an audible beep, indicating a successful reading.
4. Proceed to the next checkpoint and repeat the process.



Figure 2: A hand holding the MENGQI-CONTROL Guard Patrol Reader, demonstrating its ergonomic design and portability.

4.2. Downloading Patrol Data

After completing a patrol, connect the wand reader to the data downloader, which is then connected to your computer via USB. Use the software to download the recorded data.

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Video 3: iButton Guard Tour Guard Patrol Watch Man Track System. This video illustrates the full cycle of a patrol, from reading checkpoints with the device to downloading the data and generating reports using the software.

5. Maintenance

To ensure the longevity and optimal performance of your Guard Patrol Reader, follow these maintenance guidelines:

- **Charging:** Recharge the device when the low power alarm is triggered. A fully charged device supports up to 350,000 readings.
- **Cleaning:** Wipe the device with a soft, dry cloth. Avoid harsh chemicals or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Durability:** The device is designed to be rugged and waterproof, but avoid intentional submersion or exposure to corrosive substances.

6. Troubleshooting

If you encounter issues with your Guard Patrol Reader, consider the following:

- **Device Not Reading:** Ensure the device is charged. Verify that the checkpoint is clean and properly installed.
- **Software Issues:** Confirm that the software is installed on a Windows operating system. Mac systems are not supported. Reinstall the software if necessary.
- **Data Transfer Problems:** Check the USB cable connection between the downloader and the computer. Ensure the wand reader is correctly inserted into the downloader.
- **No Light/Beep:** If the device does not provide visual or audible feedback upon reading, check the battery level.

For further assistance, please refer to the Support section.

7. Specifications

Specification	Detail
Model Number	101Z contact-GT 20 2
Storage Capacity	10,000 records
Battery Type	1 Lithium Metal battery
Continuous Readings	Up to 350,000
Feedback	LED and Buzzer
Item Weight	5.9 ounces
Package Dimensions	7.56 x 2.05 x 1.65 inches

8. Warranty and Support

MENGQI-CONTROL is committed to providing reliable products and excellent customer service.

8.1. Technical Support

Our technical support is available indefinitely. Please feel free to contact us with any questions or concerns you may have regarding the operation or functionality of your Guard Patrol Reader. We offer various support methods to assist you promptly.

8.2. Warranty Information

Specific warranty details are typically provided with your purchase documentation. Please refer to the packaging or included warranty card for information on coverage duration and terms. For any warranty-related inquiries, contact our support team.