FERMAX 14703

FERMAX WIT 7" PoE Monitor User Manual

Model: 14703

1. INTRODUCTION

The FERMAX WIT 7" PoE Monitor (Model 14703) is an advanced communication device designed for residential intercom systems. Featuring a 7-inch capacitive touchscreen, it provides an intuitive user experience focused on seamless communication and smart home integration.

Key functionalities include hands-free two-way communication, high-definition color display, customizable ringtones, and remote firmware updates. The Android-based system supports 8 languages and offers integrated alarm zones, remote reset capabilities, and connectivity with IP CCTV cameras for enhanced security and monitoring.

Figure 1: Front view of the FERMAX WIT 7-inch PoE Monitor. The monitor features a large, dark capacitive screen with the 'FERMAX' logo centered at the top. At the bottom right, there are small white icons representing a phone receiver, an envelope (message), and a bell (alert/doorbell), indicating its communication and alert functionalities.

2. SETUP AND INSTALLATION

This section provides general guidelines for setting up your FERMAX WIT monitor. For detailed installation instructions, please refer to the specific installation guide provided with your product or consult a qualified technician.

2.1. Power and Network Connection (PoE)

The WIT monitor supports Power over Ethernet (PoE), simplifying installation by delivering both power and data through a single Ethernet cable. Connect a standard Ethernet cable from a PoE-enabled network switch or injector to the designated PoE port on the monitor. Ensure your network infrastructure supports PoE (IEEE 802.3af/at standard).

2.2. Initial Configuration

Upon first power-up, the monitor will guide you through an initial setup wizard. This typically includes:

- **Language Selection:** Choose from 8 available languages (Spanish, English, German, Polish, Russian, Hebrew, Turkish, Chinese).
- **Network Settings:** Configure IP address settings (DHCP or static).
- **System Date and Time:** Set the correct date and time.
- **Intercom System Integration:** Connect the monitor to your existing FERMAX intercom system.

2.3. IP Camera and Home Automation Integration

The monitor allows integration with up to 8 IP CCTV cameras and home automation systems via compatible applications. Refer to the monitor's on-screen settings for adding and configuring these external devices.

3. OPERATING INSTRUCTIONS

The FERMAX WIT monitor features a user-friendly capacitive touchscreen interface. Navigate through menus and options by tapping and swiping.

3.1. Communication Functions

- **Hands-Free Two-Way Communication:** When a call is received from the outdoor panel or another internal unit, the monitor will display the caller's video (if available) and allow for hands-free conversation.
- **Call Management:** Answer incoming calls by tapping the phone icon. End calls by tapping the hang-up icon.
- **Ringtone Customization:** Different ringtones can be set based on the origin of the call (e.g., main entrance, secondary door).

3.2. Monitoring and Security

- **CCTV IP Camera Viewing:** Access and view live feeds from up to 8 integrated IP CCTV cameras directly on the monitor.
- **Auxiliary Camera and Relay Control:** During a conversation, simultaneously view an auxiliary IP CCTV camera and activate an auxiliary relay (e.g., to open a secondary gate) up to 4 times.
- **Alarm Zones:** The monitor includes 7 integrated alarm zones plus a tamper alarm. Configure these zones through the system settings.
- **Image Capture:** Capture images automatically or manually during calls or monitoring sessions. Captured images can be exported to an SD card for storage.

3.3. Advanced Features

- **Monitor Relay Activation:** Activate up to 8 relays using the optional Ref. 1616 relay module for controlling various devices.
- **Elevator Control:** Control elevator access with feedback, if integrated into your building's system.

4. MAINTENANCE

4.1. Cleaning

To clean the monitor screen and casing, use a soft, lint-free cloth. For stubborn marks, slightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Avoid using harsh chemicals, abrasive cleaners, or solvents, as these can

damage the screen and finish.

4.2. Firmware Updates

The monitor supports remote firmware updates. Periodically check for available updates through the system settings to ensure optimal performance, security, and access to new features. Follow the on-screen prompts carefully during the update process.

4.3. System Reset

In case of system issues, a remote reset or restoration to factory parameters is possible. This function should be used with caution as it will erase all user-configured settings. Consult the system administrator or technical support before performing a factory reset.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your FERMAX WIT monitor. If the problem persists, please contact technical support.

Problem	Possible Cause	Solution
Monitor does not power on.	No power supply; PoE connection issue.	Verify the Ethernet cable is securely connected to a PoE-enabled port. Ensure the PoE switch/injector is powered on and functioning correctly.
No video from outdoor panel/camera.	Camera connection issue; network problem; incorrect configuration.	Check network connectivity. Verify IP camera settings and ensure they are correctly configured in the monitor's menu. Restart the monitor and the outdoor panel/camera.
No audio during communication.	Microphone/speaker issue; volume too low; network latency.	Adjust the volume settings on the monitor. Check for any physical obstructions to the microphone or speaker. Ensure stable network connection.
Touchscreen is unresponsive.	Temporary software glitch; screen contamination.	Clean the screen thoroughly. Restart the monitor by disconnecting and reconnecting power. If the issue persists, a factory reset might be necessary (see Maintenance section).

6. SPECIFICATIONS

Feature	Detail
Manufacturer	FERMAX
Model Number	14703
Product Identifier	14703
Screen Type	7" Capacitive TFT Color Display
Communication	Hands-free two-way
Operating System	Android-based
Languages Supported	8 (Spanish, English, German, Polish, Russian, Hebrew, Turkish, Chinese)

Feature	Detail
Alarm Zones	7 integrated + tamper
IP Camera Support	Up to 8 CCTV IP cameras
Relay Activation	Up to 8 (with Ref. 1616 module)
Image Capture	Automatic and manual, export to SD card
Power Supply	PoE (Power over Ethernet)
Product Weight	869 g
Dimensions	212x132.5x20mm
Included Components	Fermax 14703 (Monitor)

7. WARRANTY AND SUPPORT

7.1. Warranty Information

Specific warranty terms and conditions for the FERMAX WIT 7" PoE Monitor (Model 14703) are provided by the manufacturer, FERMAX, or your point of purchase. Please retain your proof of purchase for warranty claims. For detailed warranty information, refer to the documentation included with your product or visit the official FERMAX website.

7.2. Technical Support

For technical assistance, troubleshooting beyond this manual, or inquiries regarding your FERMAX WIT monitor, please contact FERMAX customer support. Contact details can typically be found on the FERMAX official website or in the product packaging.

Related Documents - 14703

[Fermax MEET Management Software - Product Overview](#)
Detailed information on the Fermax MEET Management Software (MMS), a PC application for managing and administering building access control, security, and communication systems. Features include message sending, alarm management, event logging, and device monitoring.

	[MEET ME Mobile Application Installation and Setup Manual](#) Installation and setup guide for the FERMAX MEET ME mobile application, detailing how to connect and configure MEET panels, guard units, and monitors for remote call reception.
	[FERMAX NEO MEET 7" Video Intercom User Manual](#) Comprehensive user guide for the FERMAX NEO MEET 7" video intercom system, covering call management, security features, settings, and more.
	[Fermax MEET Marine Panel Quick Start and Installation Guide](#) This guide provides detailed instructions for installing and programming the Fermax MEET Marine Panel, covering terminal connections, network configuration, and basic operational information. It is designed for system integrators and installers.
	[Integratiehandleiding: Fermax Meet Intercom met xxter](#) Leer hoe u uw Fermax Meet intercom systeem integreert met het xxter platform voor geavanceerde video intercom functionaliteit. Deze gids biedt stapsgewijze instructies voor configuratie en instellingen.
	[Fermax Meet Video Intercom Configuration Guide with Zennio Indoor Units](#) A comprehensive configuration guide for integrating Fermax Meet Video Intercom systems with Zennio indoor units (Z50, Z70 v2, Z100). Covers network setup, SIP calls, and outdoor panel configuration for private home installations.