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› Fanvil i506W SIP Indoor Station User Manual

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Model: i506W

Brand: Fanvil

INTRODUCTION

The Fanvil i506W indoor station is an advanced communication device designed for modern homes and offices, offering an intuitive user experience through its large 10.1-inch color touch display. Running on a Linux operating system, this device supports up to 6 SIP accounts for flexible communication management.

It features dual-band WiFi connectivity and Power over Ethernet (PoE) compatibility for versatile installation. Equipped with 8 sensor inputs and a relay configuration (1 output + 1 input), it integrates seamlessly with home automation needs. The H.264 video codec ensures optimal video quality for communications. The user interface provides a clear menu with quick access to essential functions such as dialing, contacts, DND mode, and other settings. Its wall-mount design allows for practical and discreet installation. Functions also include blind call transfer and redial, making this device ideal for environments requiring a reliable and versatile communication system.

WHAT'S IN THE BOX

- Fanvil i506W SIP Indoor Station
- Wall Mount Bracket

PRODUCT OVERVIEW

Familiarize yourself with the components of your Fanvil i506W SIP Indoor Station.



Figure 1: Front view of the Fanvil i506W SIP Indoor Station, showcasing its 10.1-inch touch display with a clear interface for communication and control.



Figure 2: Angled view of the Fanvil i506W SIP Indoor Station, highlighting its sleek design and side profile, suitable for wall mounting.

SETUP AND INSTALLATION

1. Wall Mounting

The Fanvil i506W is designed for wall mounting. Use the provided wall mount bracket to securely attach the device to a suitable surface. Ensure the mounting location allows for easy access to power and network connections.

1. Choose a suitable wall location, preferably near an Ethernet port with PoE or a power outlet.
2. Mark the drilling points using the wall mount bracket as a template.
3. Drill holes and insert wall anchors if necessary.
4. Secure the wall mount bracket to the wall using screws.
5. Attach the i506W indoor station to the mounted bracket, ensuring it clicks into place securely.

2. Power and Network Connection

The i506W supports Power over Ethernet (PoE) for simplified installation, or can be powered via a standard power adapter (not included, if PoE is not used).

- **PoE Connection:** Connect an Ethernet cable from a PoE-enabled switch or injector to the LAN port on the back of the i506W.
- **Non-PoE Connection:** If PoE is not available, connect a standard Ethernet cable to the LAN port and connect a compatible 12V DC power adapter (sold separately) to the power input port.

3. Initial Setup and Configuration

Upon first power-on, the device will boot up. Follow the on-screen prompts to configure basic settings.

- **Network Settings:** Configure network settings (DHCP or Static IP).
- **WiFi Configuration:** If using WiFi, navigate to the network settings on the touch screen, select your WiFi network, and enter the password. The device supports dual-band WiFi.
- **SIP Account Registration:** Register up to 6 SIP accounts by entering the SIP server address, user ID, and password provided by your VoIP service provider.
- **Date and Time:** Set the correct date and time for accurate call logs and system operation.

OPERATING INSTRUCTIONS

1. Navigating the User Interface

The Fanvil i506W features an intuitive 10.1-inch touch screen display. Tap icons to access different functions.

- **Home Screen:** Displays time, date, and quick access icons like Dialer, Message, Menu, Monitor, and Door.
- **Dialer:** Tap to open the dial pad and make calls.
- **Contacts:** Access your phonebook to call saved contacts.
- **Menu:** Provides access to system settings, call history, and advanced features.
- **DND (Do Not Disturb):** Activate or deactivate DND mode to silence incoming calls.

2. Making and Receiving Calls

- **Making a Call:** Tap the "Dialer" icon, enter the number, and tap the call button.
- **Receiving a Call:** When an incoming call rings, tap the "Answer" button on the screen.
- **Call Transfer:** During a call, select the transfer option and follow the prompts for blind or attended transfer.

- **Redial:** Access call history and select a number to redial.

3. Sensor and Relay Integration

The i506W supports 8 sensor inputs and a relay system (1 output + 1 input) for integration with security or home automation systems.

- Connect external sensors (e.g., door/window sensors, motion detectors) to the designated sensor input ports.
- Configure sensor actions and relay controls through the system settings menu.
- The relay output can be used to control devices like electric locks or gates.

4. Video Communication

The device supports H.264 video codec for high-quality video calls and monitoring.

- When receiving a video call, the video stream will automatically display on the screen.
- Use the "Monitor" function to view connected IP cameras or door stations that support video streaming.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the display and exterior. Do not use abrasive cleaners or solvents.
- **Software Updates:** Periodically check for firmware updates through the system settings to ensure optimal performance and security.
- **Environmental Conditions:** Keep the device in a dry environment, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	No power supply; PoE not active or faulty; power adapter faulty.	Check PoE connection or power adapter. Ensure power source is active.
Cannot register SIP account.	Incorrect SIP server details; network connectivity issues; firewall blocking.	Verify SIP account credentials. Check network cable/WiFi connection. Consult network administrator for firewall settings.
No dial tone or cannot make calls.	SIP account not registered; network issues; DND mode active.	Ensure SIP account is registered. Check network connection. Deactivate DND mode.
Poor video quality.	Low network bandwidth; camera issues; H.264 codec not properly configured.	Check network speed. Ensure connected camera is functioning correctly. Verify video settings.
Touch screen unresponsive.	Temporary software glitch; physical damage.	Restart the device by disconnecting and reconnecting power. If issue persists, contact support.

SPECIFICATIONS

Feature	Detail
Model Name	i506W
Display Size	10.1 Inches
Display Type	LED, Touchscreen
Max Display Resolution	1280 x 800
Aspect Ratio	16:9
Operating System	Linux OS
SIP Accounts	Up to 6
Connectivity	Dual Band WiFi, PoE (Power over Ethernet)
Sensor Inputs	8
Relay Configuration	1 Output + 1 Input
Video Codec	H.264
Product Dimensions	15 x 200 x 15 cm (approx. 5.9 x 78.7 x 5.9 inches)
Product Weight	900 grams (approx. 1.98 lbs)
Power Source	PoE or 28 Volt DC (adapter not included)
Hardware Interface	HDMI (Note: This might refer to internal components or specific models, typically not for user connection on an indoor station)

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Fanvil website. Keep your purchase receipt as proof of purchase.

If you encounter any issues or require technical assistance, please contact Fanvil customer support through their official channels. Support contact information can typically be found on the manufacturer's website or in the product packaging.

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