

WFM500

Ethernet to Wi-fi Router



The WFM500 is an RS232 wireless Ethernet-to-Wi-fi router for the **FORCE Series** intruder alarm systems, allowing them to connect to *PIMA Cloud* via any wi-fi network.

The WFM500 is configured by a web application, using a standard browser. It is powered by the alarm system, which also supply backup power when a power outage occurs¹.

PIMA Electronic Systems' portfolio includes a wide selection of hardwired and wireless detectors, sensors and sirens for both security and safety purposes. Our products are developed with uncompromising quality, ease of installation, and operation experience.

PIMA's wireless detectors integrate the FastLink technology. Our detectors are a perfect solution for the business and home markets.

The **FORCE**, **FORCE Lite** and **FORCE 32** alarm systems interface with a wide selection of expanders and peripherals, enabling the customer to expand the system as needed.

Features

- Connection to wi-fi network
- Powered and backed up by the alarm system¹

Technical specifications

- Network standard:
 - Wireless: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
 - Wired: IEEE 802.3, IEEE 802.3u
- Wireless transmission rate:
 - 11n: up to 150Mbps
 - 11g: up to 54Mbps
 - 11b: up to 11Mbps
- Tracks number: 1-14
- Frequency range: 2.4-2.4835GHz
- Input power: 5V
- Emission power: 12-15 DBM
- Interface: WAN, LAN, RS232, DC IN, ANTENNA
- Antenna type: external, 6DB
- Wifi working mode: Client/AP/Router
- WDS Function: supports WDS wireless bridge connection
- Wireless MAC address filtering
- Wireless security function switch

¹ When a backup battery is in use

- Wireless security:
 - WEP encryption: 64/128/152 bit
 - Security mechanism: WPA-PSK/WPA2-PSK, WPA/WPA2
- Network management
 - Remote web management
 - Configuration file import/export
 - Web software upgrade
- Serial to Ethernet:
 - Maximum transmission rate: 500000bps
 - TCP/UDP connection: max. connection number>20
 - Serial baud rate: 1200-500,000 bps
- Frequency bandwidth optional: 20MHz, 40MHz, Automatic
- CE compliance
- Dimensions: 8.5 X 8.5 X 2.5 cm
- Weight: 225g
- Operating temperature: -10 to +55 °C
- Humidity (max.): 90% R.H., non-condensing

Ordering Information

- WFM500: P/N 8330004



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