

## Fanvil A513W Video Speaker (A513W)



Product Name: Fanvil A513W Video Speaker (A513W)

Manufacturer: Fanvil

Model Number: A513W

Please Note: Wall mount (WM101) and ceiling mount (WM102) brackets are optional accessories and are not included in the box.

### Fanvil A513W Video Speaker (A513W)

The Fanvil A513W is a video speaker designed for complex outdoor environments, integrating public address, surveillance, and intercom functions into a single, all-in-one smart solution. Equipped with a 4-megapixel wide-angle camera, built-in infrared and white LED illuminators, and HDR technology, it delivers outstanding imaging performance day and night. The A513W features a 10W high-power speaker combined with a turbo speaker acoustic structure and advanced dual-microphone noise-cancellation algorithms, ensuring clear and powerful broadcasting and communication even in noisy environments. It supports Wi-Fi connectivity for flexible and convenient deployment, along with Bluetooth 5.4 connectivity, allowing users to quickly trigger calls, broadcasts, and other operations via a BLE Bluetooth button for greater efficiency. The A513W provides short-circuit input and output interfaces, allowing flexible connection to various peripheral devices such as alarm buttons and door contacts, enabling a wide range of interlocking control functions. With an IP66 dust and water resistance rating, the unit remains stable and reliable even in harsh environments, offering outstanding durability. Fanvil A513W Technical Specifications:

#### Generic

- 2 SIP Lines
- Video calling
- Infrared fill light
- White light fill light
- Oral announcement of the IP address (in English)
- MP3 broadcasting
- Switch signal input and output
- Support TF card
- Support DC 12V-24/2A power supply and Power over Ethernet (PoE+)

#### Device Functions

- Auto-answering
- Volume adjustment via web page
- Network time synchronisation
- Time Plan (task management)
- SIP call forwarding to multicast
- Dynamic multicast function
- HTTP API
- Action URL / Active URI
- Wi-Fi: 2.4G/5G Wi-Fi 6
- Bluetooth: Bluetooth 5.4
- Wide Dynamic Range: 105dB

#### Call Functions

- Call out / answer / reject
- Call waiting
- Intercom, multicast

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• Anonymous call (hide caller ID)

### Audio

• Speaker frequency response: 600–10 kHz

• Max SPL: 100 ±5 dB (at F0 / 1.0 W/1.0 m, 2.45 V)

• Impedance: 6Ω

• Speaker power: PoE-AT 8.5W; PoE-AF 3.5W; DC 24V/2A 8.5W

• Microphone: dual omnidirectional microphones; sensitivity -38±3 dB, AOP 124 dB, SNR 65 dB

• Narrowband codecs: G.711a/u, G.729, iLBC, G.723, G.726

• Wideband codecs: G.722, Opus

• Full-duplex hands-free speakerphone with AEC

• DTMF: in-band, out-of-band (RFC2833 / SIP INFO)

### Video

• Sensor: 1/2.9" colour CMOS

• Pixels: 4 Mega-pixel HD camera

• Video coding: H.264

• Resolution: 720P / 1080P / 2K

• Minimum illumination: 0.05Lux, with infrared illumination support

• Focal length: 3.6mm

• Viewing angle: Diagonal 106°; Horizontal 87°; Vertical 47°

### Network

• Physical: 10/100 Mbps Ethernet

• IP mode: IPv4 / IPv6 / IPv4&IPv6

• IP configuration: Static IP / DHCP / PPPoE

• VPN: L2TP / OpenVPN

• VLAN

### Protocols

• SIP v1 (RFC2543), v2 (RFC3261) over UDP/TCP/TLS

• RTP / RTCP / SRTP

• ONVIF

• STUN, DHCP, IPv6, PPPoE, L2TP, OpenVPN, SNTP, FTP/TFTP, HTTP/HTTPS, TR-069

### Deployment and Management

• Auto-provisioning via HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069

• Web Management Portal

• Web-based packet dump

• Configuration export / import

• Firmware upgrade

• Syslog

• RJ45 port x1: connects to Internet or LAN; PoE+ enabled (IEEE 802.3at, class 4)

• Short circuit output port x1 (built-in relay): MAX DC30V/2A, AC125V/0.5A; terminal socket

• Short circuit input x1

• SD card slot x1

• DC port x1: DC power input 12V–24V/2A; 2-pin terminal socket

### Other Physical Features

## Fanvil A513W Video Speaker (A513W)

- Protection level: IP66
- Appearance: ABS housing, aluminium alloy front panel
- Installation: wall-mounted (WM101, optional) and ceiling installation (WM102, optional)
- Power consumption (PoE+): 3.54&ndash;20.8W
- Power consumption (12V/2A adapter): 2.8&ndash;17.8W
- Working temperature: -40&deg;C to 70&deg;C
- Storage temperature: -40&deg;C to 80&deg;C
- Working humidity: 10% to 95%
- Compliance: CE, FCC, RoHS
- Dimensions (W x D x H): 17.6 x 13 x 10 cm

### Package Contents

- 1 x Fanvil A513W Video Speaker
- 1 x Quick Installation Guide
- 1 x Connection Terminal
- 1 x Waterproof Kit
- 2 x Screws

**Price: Â£145.60**