

PICO 3.0 - WiFi AUDIO

Wi-Fi AUDIO TRANSMISSION SYSTEM

PICO 3.0 - WiFi AUDIO is a miniature live audio monitoring device featuring integrated store&forward capabilities. It operates over 2.4 GHz Wi-Fi networks, ensuring stable and secure data transmission.

It's ultra-low power consumption combined with a high-sensitivity microphone sets a new standard in the audio surveillance sector.

The unit continuously records audio onto a micro-SD memory card, and stored files can be accessed and downloaded at any time — even remotely — through a dedicated mobile app on smartphones or tablets.



FEATURES:

- The compact design of the unit allows for easy and discreet installation.
- Ultra-low power consumption setup.
- Clear and intelligible audio, even in noisy environments.
- Wired microphone available in custom lengths.
- No SIM card required.

APPLICATIONS:

- Also ideal for body-worn surveillance applications when used with an external battery.
- Supports standard indoor audio surveillance operations via an external micro power supply (110–220 VAC), and is suitable for in-vehicle use with a 12 V DC adapter.
- Compatible with rechargeable lithium batteries available in various capacities and sizes.

TECHNICAL SPECIFICATIONS:

Wi-Fi Standard:	IEEE 802.11 - 2.4 GHz
Operating mode:	Live streaming & recorder on micro-SD
Smartphone APP:	Android – IOS
Audio format:	8 kHz - 16bit - mono – WAV
Memory:	micro-SD up to 128Gb
Power supply:	5Vdc USB-C
External battery:	Li-ion battery rechargeable 3,7Vdc – 780mAh (default)
Consumptions:	70-80mAh Live mode & download 45-50mAh Vox mode recording on SD card Less 2mAh Stand-by mode
Dimensions:	93 x 21 x 9 mm (heat shrink)

DESCRIPTION:

PICO 3.0 - WiFi AUDIO is a high-performance miniature system designed to stream real-time audio from its integrated microphone directly to smartphones or tablets over Wi-Fi networks.

Live Audio Streaming: Enables real-time monitoring by establishing a stable, low-latency audio stream to a connected mobile device.

Store & Forward Remote Access: Audio recordings are securely stored on a built-in microSD card. Users can remotely access, browse, and download files at any time via a dedicated mobile app (Android & iOS).

Timestamping: Each recorded file includes embedded date and time metadata for precise chronological tracking.

Ultra-Compact Design: The miniature dimensions of the PICO unit ensure fast deployment and discreet placement, making it ideal for body-worn configurations or integration into everyday objects.

Power & Accessories: available AC Power Supply for domestic use and DC Adapter for seamless vehicle integration.

Rechargeable Li-ion batteries: available in 780mAh (default) capacity or customizable options to meet diverse mission requirements.