



KATANA FT-1



MINIATURE VOICE RECORDER WITH BUILT-IN WI-FI TRANSMITTER, FTP CLIENT AND INTERNAL DIGITAL SIGNATURE

Katana FT-1 is a miniature voice recorder with built-in Wi-Fi transmitter. It records high quality audio on a MicroSD card. Yet to listen to the records you don't even have to touch the voice recorder. All the collected data can be downloaded to an FTP server or host computer using ad-hoc Wi-Fi connection or via Internet.

To ensure high quality sound and fast upload Katana FT-1 exploits a dedicated audio processor with sophisticated voice compression algorithms (like Vorbis Ogg) and hi-speed Wi-Fi module. So 1 hour of high quality audio recording can be uploaded in just about 14 seconds.

Thanks to the implemented FTP client the records can be uploaded automatically when there is a file to upload or according to a preset schedule. At any other time the transmitter will be turned off. Therefore it is virtually impossible to discover the voice recorder by means of any radio detector.

A unique feature of Katana FT-1 voice recorder is internal digital signature function. Unlike the previously available on the market voice recorders Katana FT-1 does not need a computer to generate a file digital signature.

The signature which warranties authenticity is generated independently inside the device, thus raising the level of security, and can be uploaded together with the original file over Wi-Fi. Digitally signed records are generally recognized as the evidence in court.

An optional 3G router-buffer can be supplied with Katana FT-1 voice recorder making it possible to download the data over 3G mobile networks.

SPECIFICATIONS:

Dimensions	51x36x7 (PCB board with microphone jack)
Battery	Li-ion, 1250 mAh
Voltage input	3.3-6.0V, powered via USB
Data storage	Removable microSD card upto 128 GB
Audio bit width	16 bit
Sample rate	8kHz, 16kHz, 44kHz
Compression	<ul style="list-style-type: none">• None (PCM)• 4 bit ADPCM• Vorbis Ogg
Bitrate @ 16kHz Vorbis Ogg compressed	20 kbps
Audio input	Internal/external microphone
Voice activated recording	yes
Scheduled recording	<ul style="list-style-type: none">• Exact date and time• Selectable periods for each day of the week
WiFi modes	802.11 b/g/n (client mode)
Antenna	Integrated
FTP mode	Client mode
Digital signature	RSA PKCS 1