

mAVR H.264x4 TFT

Miniature Audio Video Recorder

The recorder provides the opportunity to insert up to 4 memory cards up to 32 Gb each, for a total of 128 Gb for both parallel and alternate recording.



Opportunities and advantages

Video recorder mAVR H.264x4 TFT is intended for professional recording of video and audio data either from an external source or from built-in video camera and microphone onto SD or SDHC flash memory cards to be further played back. The Recorder provides the opportunity to insert up to 4 memory cards for both parallel and alternate recording.

The main competitive advantages of are:

- Recorder can operate with four cards up to 32GB each, for a total of 128 GB recording!
- Parallel recording of the same video data onto 2 memory cards.
- The option of circular recording onto memory card (one or few).
- The recorder allows you to embed a picture in any text (e.g. car brand, your initials, place) and increase the value of records as evidence.
- Independent adjustment of bit rate for audio and video streams.

Among the main distinctions are:

- Recording of video signal either from an external source or from the built-in video camera (H.264) in AVC format, providing resolution of 640x480 for video camera or 720x576 for an external source
- Disposition of text onto video signal (date, time, GPS data, text line) – up to 2 lines with 24 symbols each depending on the resolution selected
- Option to set video signal parameters (brightness, contrast, saturation, colour)
- Manual or automatic adjustment of the amplification of audio channels
- Data recording is performed directly into MP4 format without any further converting
- Power supply either from an external source or by built-in Li-ion rechargeable battery. When powered from an external source rechargeable battery is being charged
- Setting of parameters through menu or with the help of “Manager” program

Additional options

- Flicker suppression to eliminate the affect of day electric lamps etc (at the frequency 50 and 60 Hz)
- Starting Recording by: “Rec” Switch on the sensor screen; Timer; Control input signal; Built-in motion detector; VAS (Voice Activating System); Signal from Analog-to-digital adapter; Prehistory recording
- Recording of audio signal either from an external sound source (MF input) or from built-in microphones in AAC format (mono or stereo)
- Option to work with GPS-receiver



Delivery set

- Audio and Video Recorder mAVR H.264x4
- Network adapter with the cable to charge the Recorder
- 4 Gb SD card
- Software CD with Instructions

Optional accessories

- Video input cable with remote control for mAVR H.264 S/TFT
- GPS-receiver for mAVR H.264 – to define the location of the video recorder during the recording process
- Car adapter for mAVR H.264x4 – to charge the mAVR recorder right in your car via cigarette lighter
- Analog-to-Digital Adapter for mAVR H.264 – widens security opportunities of the recorder: it allows to connect analog and digital detectors, that will activate the recording.
- External microphones for mAVR H.264 – for sound stereo recording

Technical characteristics

Dimensions		82 x 69 x 18.5 mm
Weight		145 g
Video	Compression of video signal:	AVC (h.264)
	Bit rate of video signal:	up to 1024 kb/sec up to 2048 kb/sec – only when duplication on the parallel card is off)
	Frame rate of recorded video input	up to 30 frames per second
Video input	Supported formats	NTSC, PAL, SECAM
	Maximum resolution	720 x 480 (NTSC) 720 x 576 (PAL, SECAM)
Audio	Amplification control range	60 dB
	Dynamic range	92 dB
	Frequency range	80–20 000 Hz
	Capacity	16 bit
	SD memory card capacity	up to 2 GB
	SDHC memory card capacity	4-32 GB
Additional	Rechargeable battery	Li-Ion (2200 mA\h)
	Battery life in record mode	8 hours
	Rechargeable battery charging time	5 hours
	External video camera current	150 mA
	Operating temperature range	0...+40° C (32...+104°F)
	Warranty period	1 year