

# mAVR H.264SB

## Miniature Audio Video Recorder



*This audio/video recorder was designed on the customers' request.*

*The capacity of the recorder's rechargeable battery was enhanced, which resulted in longer record duration. The new mAVR H.264SB will meet your needs as it is designed for maximum efficiency and reliability in security applications.*

### Opportunities and advantages

The audio/video recorder mAVR H.264SB is intended for professional recording of high quality audio and video recording onto SD/SDHC memory card with capacity up to 32 GB. Then the recordings can be uploaded onto a computer, decoded (converted) and played back.

The recorder has an extremely small size and weight, high recording density, low power consumption, 20 kHz frequency band, and a wide dynamic range up to 92 Db. The device has built-in sensor with improved video parameters and touch-sensitive control with keyboard lockout capability.

### Among the main distinctions are:

Among the main distinctions are: Enhanced rechargeable battery with 2000 mA/h capacity and longer recording duration (up to 8 hours). Due to this, dimensions increased a little: 54x40x29 mm. Weight: 36g.

### The other characteristics are the same as of mAVR H.264S:

- Video recording either from an external source or from the built-in video camera (mp4 format), providing resolution 640x480 for video camera or 720x576 (for an external source);
- Option to set video signal parameters (brightness, contrast, saturation, color);
- Starting the recording by switch, timer, control input signal, motion detector or VAS (Voice Activating System) actuation;
- Prehistory recording and opportunity of linear and loop recording onto memory card;
- 1GB is about 2 hours of high-quality recording, so a 32GB card can record up to 64 hours of video;
- Power supply either from an external source or by built-in Li-ion rechargeable battery. When powered from an external source rechargeable battery is charging;
- The recorder can provide power supply for an external power consumer (for example video camera) with output voltage option (5 or 12 V);
- Parameters setting, using menu in the recorder or with the help of Manager Program available on CD, included in the delivery set.

OLED screen allows easy control process and displays the following information: recording mode, free memory space and rechargeable battery charge.

### Additional options

- flickering elimination;
- Noise-Suppressor, destined for adjusting the noise-suppressing system of the built-in video camera;
- recording activation by Voice Activation System, i.e. VAS, when the audio signal exceeds the threshold; by command - from a motion detector;
- capacity of textual marking of the recording;
- the recorder has a built-in clock and calendar with an option to correct their accuracy.

## Delivery set

- Audio-video recorder;
- Video Input cable with the remote control (intended for distant on-off recording using the button as well as for connection to the external source of video frequency signal);
- Power adapter;
- Rechargeable battery (Li-Ion);
- SD-card with a capacity of 2 GB;
- Software CD and instructions.

## Optional accessories

- Car Adapter - to charge the mAVR recorder right in your car via cigarette lighter.
- External microphones - for sound stereo recording.
- GPS-receiver - to define the location of the video recorder during the recording process, using GPS signals (Global Positioning System), to reflect this data in the recording and then to save it on the SD (SDHC) card.
- Analog-to-Digital Adapter– widens security opportunities of the recorder: it allows to connect analog and digital detectors, that will activate the recording. The recording will contain the date and the name of the activated recorder (the status is printed on the recording and can be read while playing back).
- mAVR H.264S Holder – is designed as a vacuum cup, with the help of which you can easily fix the recorder in your car and record while driving. The opportunity to adjust the direction of coverage of mAVR is provided.

## Technical characteristics

<b>Dimensions</b>		54x40x29 mm
<b>Weight</b>		36g
<b>Video</b>	Compression of video signal:	AVC (H.264)
	Bit rate of video signal:	up to 1024 kb/sec
	Frame rate of recorded video input	up to 30 frames per second
<b>Video input</b>	Supported formats	NTSC, PAL, SECAM
	Maximum resolution	720 x 480 in NTSC, 720x576 in PAL, SECAM
<b>Audio</b>	Amplification control range	60 dB
	Dynamic range	92 dB
	Frequency range	80-20,000 Hz
	Capacity	16 bit
<b>Additional</b>	SD memory card capacity	up to 2 GB
	SDHC memory card capacity	4-32 GB
	Rechargeable battery	Li-Ion
	Battery life in record mode	8 hours
	Record time	in best quality - 2h on 1Gb, in low quality - 23h on 1Gb
	Rechargeable battery charging time	about 7 hours
	External video camera current	150 mA
	Operating temperature range	0...+40° C (32...+104°F)
	Warranty period	1 year