

Driver Status Monitoring System MR830 Specifications (V2.2)



Specifications

The product specifications of MR830 are shown in Table 1.

Table 1 Product specifications

Function	Function Subdirectory	Specifications
Power Supply	Power input	DC 12V/24V
	Average power consumption	15W (Power consumption varies with device configuration)
	Power output	1 channel DC12V/0.5A
Environmental Adaptability	Operating temperature	-20°C ~ + 70°C
	Storage temperature	-40°C ~ +85°C
Size	Host size	98*88*35mm (without bracket) 98*88*163mm (with bracket)
Video	Video input	Supports 4 channels 1080P analog HD camera (1-CH 1080p DSM camera, 3-CH optional additional camera)
	Video output	1 channel CVBS video output(optional), supports 1~4 screens display
Audio	Audio input	1 channel (Sound is recorded synchronously with DSM video, optional)
	Audio output	1 channel for external speaker(optional), default built-in speaker (used for alarm voice broadcast)
Recording	Video format	H.264/H.265
	Audio format	G.711A
	Resolution	1080P, 720P, D1
	OSD	With character overlay function: time, date, vehicle ID and other information image will overlay.
Satellite Positioning	Positioning	Support GPS and BD (Beidou) dual-mode positioning

Wireless Communication	4G	1 channel 4G
	WiFi	1 channel (can be used as wireless AP, only for installation and debugging, etc.)
Storage	TF card	1 channel, maximum support 512GB
External Interface	RS232	1 channel (optional)
	I/O	4 channels output (optional) , default alarm output high level 10~12V
	Network port	1 channel, RJ45 connector
Alarm Settings	Alarm volume	Configurable from 0~63
	Alarm switch	Alarm can be switch ON or OFF by the APP
	Alarm video format	MP4
	Alarm image	Configurable from Level 1 to 5 (level 1: 352*288, level 2: 704*288, level 3: 704*576, level 4: 640*480, level 5: 1280*720) (default setting: level 5)
	Alarm pre-recording	Configurable from 1~10s (default setting: 5s before the alarm and 5s after alarm)