

Driving Safety Warning MR910 Specification (V3.3)



Table 1 MR910 Product Specification Table

Item		Specification
System	Language	Chinese / English
	OS	Linux
	Operation interface	Graphical menu operation interface (OSD menu), character overlay function;
	GUI	Support mouse and remote control operation to set system parameters
Video and recording system	Video Input	M12 4P aviation head interface 4 video inputs, supporting camera resolutions of 1080P, 720P, D1
	Video Output	1 channel CVBS, 1 channel VGA (either VGA or Ethernet port)
	Video standards	PAL standard, NTSC standard
	Video compression format	H. 264/H.265 compression format
	Recording resolution	Supports 1080P, 720P, D1, HD1, CIF options
	Recording quality	Image quality levels 1 to 8, optimal level 1, minimum level 8
	Recording method	Default automatic recording, supporting ignition recording, alarm recording, etc
Audio	Audio Input	Supports 4-way camera audio input
	Audio output	1 channel, built-in power amplifier
	compressed format	G. 711A compressed format
	Recording method	Synchronous recording of sound and video
Interface	I/O	4 switch inputs, 1 emergency alarm input 1 switch output, linkage sound and light alarm, etc
	USB	1 channel, can use USB flash drive to upgrade backup data, supports USB mouse;
	RS232	1 channel, expandable card reader, fuel sensor, etc

	RS485	1 channel, expandable pan tilt
	Wired network port	1 channel (VGA or Ethernet port selection)
	Intercom	1 channel
Wireless transmission	4G	1 channel 4G
	WiFi	1 channel (wireless 802.11b/g/n communication module)
satellite positioning	positioning	Supports GPS and BD (Beidou) dual mode positioning
Sensor	Sensor	Built-in 3-axis acceleration sensor
Storage	SD Card	Supports 2 large capacity SD cards for recording, with a maximum support of 512G
	Storage method	Proprietary bare disk storage method
Video Replay	video search	You can search for recorded video data by recording time, recording method, and other methods
	Reply	Supports up to 1 to 4 synchronous playback channels, supports 2, 4, 8, 16X fast forward or backward
Power supply and power consumption	Power management	Adaptive broadband power input with protection functions such as overload, undervoltage, short circuit, and reverse connection; Supports timed shutdown and delayed shutdown functions.
	Input Voltage	DC:+9V ~ +36V
	Output Voltage	+12V@1A, +5V@1A
	consumption	Normal working state < 12W (without external equipment)
work environment	temperature	-25℃ to +70℃
	humidity	20% ~90%
safety management	Password access	Two levels of management for user passwords and administrator passwords
PlaSDorm access		JT/T 808-2011, JT/T 808-2019, JT/T 905.2-2014 is optional
Dimension		120*120*46mm
Net weight		450g

1 Device Specifications

This chapter systematically introduces the functional overview, characteristics, detailed specifications, and precautions of the equipment.

1.1 DMS camera specifications (optional)



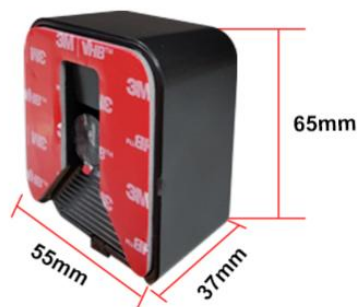
DMS Camera	Specification
Name	DSM Camera
Size	84×84×31.5mm (without bracket) 84×84×162mm (with bracket)
Pixels	1280×720
System	PAL
Joint	Aircraft carrier head
Power	DC12V

1.2 HOD Camera Specification (Optional)



ADAS Camera	Specification
Name	HOD Camera
Size	60 x 70mm
Pixels	1280×720
System	PAL/NTSC, default PAL
Port	Aircraft carrier port
Power	DC12V

1.3 ADAS Camera Specification (Optional)



ADAS Camera	Specification
Name	ADAS Camera
Size	65×55×37mm
Pixels	1280 x 720
System	PAL/NTSC, default PAL
Port	Aircraft carrier port
Power	DC12V

1.4 BSD Camera Specification (Optional)



BSD Camera	Specification
Name	BSD Camera
Size	90x63x65mm
Pixels	1920×1080
System	PAL/NTSC, default PAL
Port	Aircraft carrier port
Power	DC12V

1.5 360 Camera Specification (Optional)



360 Camera	Specification
Name	360 Camera
Size	60.5x43x37mm
Pixels	1920×1080
System	PAL/NTSC, default PAL
Port	Aircraft carrier port
Power	DC12V