

MR01 Specification

MR01 is a professional dashcam built for the unique demands of motorcycles and two-wheeled vehicles.

This Product supports:

1. 2 Channel Videos
2. 4G CAT.4
3. Starlight Camera
4. IP67 Waterproof Rating
5. GNSS: GPS/ GALILEO/ BeiDou/ GLONASS
6. Configurator and FOTA WEB

Technical

OS	• Linux
Intelligent Algorithms	• Rollover Alert

Video

Multi-Channel Recording	• 2 Channels @ 1*1080p + 1*1080p/720p
Forward camera (Main unit)	• 1080p • 2MP • FL 2.8mm • FNO 1.0 • FOV : D=125° H=105° V=55°
Encoding	• H.264/ H.265
Audio Format	• G.711A

GNSS&Cellular

Cellular	• 4G CAT.4
LTE Bands	• LTE: B1/ 2/ 3/ 4/ 66/ 5/ 7/ 8/ 20/ 28 (28A/28B)/ 38/ 40/ 41
Positioning System	• GPS/ GALILEO/ BeiDou/ GLONASS
Tracking Sensitivity	• -165dB
Capture Sensitivity	• -159dB
Position Accuracy	• <2.0m CEP



Electrical Specification&Sensors

Operating Power	• 9-90V DC
Power Consumption (Main unit only, no external camera)	• @12V 221mA(Working Mode) • @12V 50uA(Standby Mode)
Built-in Battery	• 400mAh 3.2V LiFePO4 battery
Acceleration Sensor	• 3-Axis G-Sensor
Audio	• Built-in microphone and 4Ω / 2W speaker

Physical & Interface Specifications

I/O	Input V+,GND,SOS,GND ,ACC,FUEL,ADC,DIN_H1, Rear_Camera
Device Interfaces	- SIM card slot (nano SIM) - Type-C debug port - TF card slot*1 (32GB~512GB) Above CLASS 10
Configure	Air Config Tool/ Configurator
Working Temperature	-20°C to +80°C
Storage Temperature	-40°C to +85°C
LED	- Red:Online - Yellow:Positioning - Green:Storage
Dimensions	L 79*W 56* H 47.7 mm
Weight	176g

Regulatory Compliance

Certification	CE
Product Name	Dashcam
Product Code	MR01

Appearance

