# MC401X

## 4G Quad Channel AI Dash Cam

MC401X is an advanced dash camera with 4 channel lens supporting AI processor to detect driving events such as lane departure, forward collision, headway monitoring warning and improper driver behavior such as using mobile phones, fatigue driving detection, smoking detection, lens covered detection to assist drivers in reducing traffic accidents and enhance fleet management efficiency.



## Product features

### Reliable Witness for Accident

High speed 4G network enable photos, videos and GPS position as required upload to the cloud for later evidence review purposes.

### 4-CH Recording with DMS and ADAS

The device has 2 AI dash cameras and 2 remote cameras capturing clear views, ensuring double safety while driving.

### Remote Video and Audio Surveillance

MC401X offers 1080P HD resolution with microphone & speaker, enabling clear live video for remote car monitoring.

### Expanded Storage

1 TF card for video storage, Max. 512GB.

### Extension Interface

1*RS232 serial port for external devices (e.g., fuel sensor, temperature sensor, RFID reader), 2*digital inputs (one reserved for the internal SOS button), and 1*digital output.

### Easy to Use

Provide mobile APP, PC, and software platform for video preview and parameter configuration.

# Product specifications

| | | |
|---|---|---|
| **Hardware** | Operation system | Linux |
| | CPU | Dual-core CPU + NPU@1.0T |
| | Memory | DDR 2G + TF card(Max.512G) |
| | GNSS | GPS+BDS(with external G-mouse) |
| | G-sensor | 3-axis acceleration sensor |
| | Speaker | √ |
| | Mic | √ |
| | Sim card | Micro SIM |
| | USB | √ |
| | LED | Red(Power), Green(Internet&video recording) |
| | I/O ports | 2*digital inputs, 1*digital output, 1*RS232 |
| **Camera** | Front | 1080P ADAS/125°(HFoV) |
| | Cabin | 720P IR night vision DMS /105°(HFoV) |
| | External 1 | 720P |
| | External 2 | 720P |
| | Video encoding | H.264/H.265, default H.264 |
| | Video standards | PAL, NTSC |
| | Video resolution | Options: 1080P/720P/D1<br>Total 1080P at 100 fps |
| | Compression format | G.711A |
| **Network** | MC401X-EU | FDD LTE: B1/B3/B5/B7/B8/B20/B28<br>TDD LTE: B38/B40/B41<br>WCDMA: B1/B5/B8<br>GSM: B3/B8 |
| | MC401X-LA | FDD LTE: B1/B2/B3/B4/B5/B7/B8/B28/B66<br>TDD LTE: B40<br>WCDMA: B1/B2/B4/B5/B8<br>GSM: B2/B3/B5/B8 |
| | MC401X-NA | FDD LTE: B2/B4/B5/B12/B13/B14/B66/B71<br>WCDMA: B2/B4/B5 |
| | WiFi | 2.4GHz, 802.11 b/g/n |
| | Protocol | JT/T808-2011, JT/T808-2019<br>JT/T1076-2016, JT/T1078-2016 |
| **Others** | Power supply | DC: +9V ~ +36V |
| | Operation Temperature | -20℃ to 70℃ |
| | Operation Humidity | 20% to 80% |
| | Net weight | 240g |
| | Dimension | 120mm*77mm*55mm |
| | Certification | CE/FCC/RoHS |