# MC403
## 4G Quad Channel AI Dash Cam

MC403 is an advanced dash camera with 1 built–in camera and 3 remote cameras 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, lens covered detectionsmoking detection, lens covered detection to assist drivers in reducing traffic accidents and enhance fleet management efficiency.

## Key Features

### 4–CH Recording with DMS and ADAS

Device supports 1 built-in ADAS dash camera, 1 remote DMS camera and 2 remote cameras, capturing crystal-clear views for double protection and safer daily driving.

### Reliable Witness for Accident

Device detects dangerous driving, captures photos, videos, and GPS position, uploads to cloud for evidence review.

### Remote Video&Audio Surveillance

Device offers crystal-clear 1080P video and TTS Voice broadcast with microphone & speaker, allowing remote car monitoring anytime, anywhere.

### Extension Interface

2 RS232 interface to connect sensors such as fuel sensor, temperature sensor, RFID reader, 2 digital input and 1 digital output.

### Expanded storage

1 TF card for video storage, Max. 512GB

### Easy to use

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

### 4–CH IP

Support simultaneous data upload to a maximum of 4 IP.

### Panic button

Efficient SOS button and platform swiftly summon rescue services with a single click.

# Product specifications

| Hardware | Operation system | Linux |
|---|---|---|
| | CPU | ARM Dual–Core processor@1.5GHz |
| | Memory | DDR 512Mb+ Flash 2Gb+TF card (512G) |
| | GNSS | GPS+BDS(with external G–mouse) |
| | G–sensor | 3–axis acceleration sensor |
| | Speaker | ✓ |
| | Mic | ✓ |
| | Sim card | Standard sim |
| | USB | ✓ |
| | LED | Red(Power), Green(Internet&video recording) |
| | I/O ports | 2 digital input,1 digital output, 1 RS232 |
| Camera (support 2–CH AI) | Front | 1080P ADAS |
| | External 1 | Cabin view camera 720P |
| | External 2 | Rear view camera 720P |
| | External 3 | Side View camera 720P |
| | Video encoding | H.264/H.265, default H.264 |
| | Video standards | PAL , NTSC |
| | Video resolution | Total 1080P at 100 fps |
| | Compression format | G.711A |
| Network | 4G LTE | |
| | MC403–EU | FDD LTE: B1/B3/B5/B7/B8/B19/B20 TDD LTE: B38/B39/B40/B41 (100M) WCDMA: B1/B2/B5/B8 GSM: 850/900/1800/1900MHz |
| | MC403–American | FDD LTE: B2/B3/B4/B5/B7/B12/B18 TDD LTD: B38/B41(100M) WCDMA: B2/B4/B5 GSM:850/1800/1900MHz |
| | WiFi | 2.4GHz, 802.11 b/g/n |
| | Protocol | JT/T808–2011, JT/T808–2019 JT/T1076–2016, JT/T1078–2016 |
| Others | Power supply | DC: +9V ~ +36V |
| | Operation Temperature | −20℃ to +70℃ |
| | Operation Humidity | 20% to 80% |
| | Net weight | 300g |
| | Dimension | 120mm*77mm*55mm |
| | Certification | CE/FCC |