



8 Channel Video Recorder and Telematics

Product code: VMC8

- Can be used with AHD cameras (720p, 1080p), WD1 and SD Cameras
- 1TB local storage capacity (2TB available)
- Record data on speed, location, harsh braking and more
- Connect vehicle inputs including speed, RPM, ACC
- Audio recording in sync with video
- Automatic system health check

Dimensions	1DIN: 178(w) x50(H) x170(D) mm, 1.08kg (with SSD), 1.14kg (with HDD)
Camera	
Input	8 channels (12V camera in)
Type	-AHD (1280x720, 1920x1080), WD1 (960x480), SD (720x480)
Audio	8 channels / Compression / - G.711
Video	
Recording Resolution	• AHD: 1280x720, 1920x1080 / - NTSC: 960x480, 720x480, 720x240, 352x240 • PAL: 960x575, 720x576, 720x288, 352x288
Recording Frame Rate	• AHD: 120fps (1280x720), 60fps (1920x1080) for NTSC system • AHD: 100fps (1280x720), 50fps (1920x1080) for PAL system • NTSC: 240fps (960x480, 720x480, 720x240, 352x240) • PAL: 200fps (960x575, 720x576, 720x288, 352x288)
Recording Mode	• Continuous mode • Event mode (G-sensor, Panic button, Alarm) / Dual (Continuous + Event) mode
Recording Time	• Event mode: before 5~1 seconds after 1hour~10 seconds • Continuous mode: long-term recording with HDD / - Compression Video: H.264

GNSS	
GPS/GLONASS	- Support GPS/GLONASS satellite, Output rate:1Hz, - CEP: <2.5m, Accuracy of Velocity: <0.1m/s (GNSS module spec.) - TTFF: within 1 min after boot (open sky)
Sensors	
G-sensors	3Axis(X, Y, Z), Output rate: 100 Hz / - Measurement Range: -2G ~ +2G - Sensitivity: 1024LSB/g / - Accuracy: ±140mg
Gyro	3Axis(X, Y, Z), Output rate: 100 Hz / - Measurement Range: ±125°/s - Sensitivity: 262.4LSB/°/s / - Accuracy: ±2.05°/s
Time	
RTC	Internal Battery
Sound	
Buzzer	Error, Firmware upgrade, Configuration upload
Storage	
Main	2.5" HDD (500GB, 1TB, 2TB) or SSD (256GB, 512GB) x 1 slot
SD Card	SDHC (4GB~32GB) x 1 slot
User Interface	
LED	5 LED (Red, Orange, Blue, Green, 2 Colours (Red, Green))
Button	10 pcs
Communication	
USB Type	By USB 3G/4G or Wi-Fi modem (optional)
API	Support DMS5 API
Interface	
Video Output	CVBS x 2 (Front, Rear)
Alarm Input	8
Alarm Output	2
Signal Input	Left, Right, Brake, Reverse, Speed Pulse, RPM, ACC

Software	
PC Software	VUEconnected (Browser: Chrome / Firefox / Edge)
Power	
Power Input	• Input Voltage: 12V/24V • Input Current: 8A/4A
Power Output	• 2pcs (Front, Rear) • Output Voltage: DC 12V 1A
Power Type	Bare wire cable: Input DC 12V/24V 3A
Max Power Consumption	96W
Lock	
Locking Enclosure	HDD/SSD Key Lock and Front Door Key Lock
SD Card Cover	SD mount/unmount Switch Cover
Environment	
Operation Temperature	From -10 ~ +55 (SSD), -10 ~ +45(HDD)
Storage Temperature	From -40 ~ +70
Standards	
Certification	CE, E-mark, FCC, KC