



QOHO

www.qoho.co.uk



QOHO UK Distributor for Shenzhen QOHO Electronics Co. Ltd
Professional vehicle surveillance and safety systems



Professional Vehicle Surveillance and Safety Systems

- Cameras
- Mobile Digital Video Recorders
- Software
- Accessories

About Us

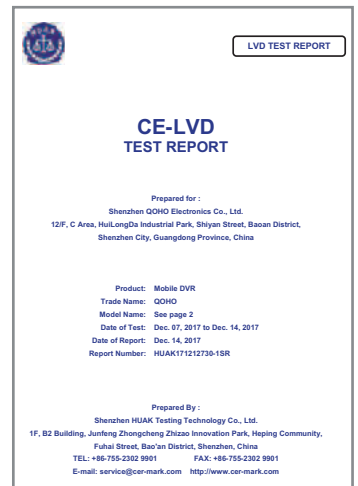
QOHO UK is the trading name of Leversedge Telecom Services Ltd, distributor for Shenzhen QOHO Electronics Co., Ltd.

Leversedge Telecom Services Ltd was established in 1975 and we are specialists in the supply, installation and maintenance of high definition vehicle camera systems, security products and critical communication solutions.

With our Reseller Team we provide sales and engineering support throughout the UK and Ireland.

Shenzhen QOHO Electronics Co., Ltd.

Established in 2005, a leading ISO9001 accredited manufacturer of professional mobile surveillance camera systems, whose innovative Research & Development team focus on developing the best state of the art products in the market. All products undergo stringent testing and have quality assurance certificates E-mark (E9), CE-LVD, FCC, RoHS certificate, EN50155.





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Mobile Digital Video Recorder with Hard Drive

- 4 or 8 channel options, 1080P Full HD HDD 960p/720p audio & video mobile DVR
- Designed for the challenging vehicle environment, with vibration protection.
- Simple configuration using the QOHO software and PC or where MDVR's are fitted with the optional WiFi board, MDVR's can be programmed using the QOHO app via WiFi with iPad/iPhone or Android.
- Supports a range of optional accessories; acceleration sensor, temperature sensor, oil/fuel sensor, RFID, LED panel, passenger counter camera, Oxygen sensor and other peripherals through RS232/RS485 interface.
- Cameras connect to MDVR with ultra reliable aviation connectors.
- Monitoring software records speed, turning, braking, reversing, door opening and closing.
- Supports G-sensor, Geo-fence, GPS, 3G/4G, WiFi optional.
- Supports Vehicle PTZ camera, local and remote control, supports USB interface, supports 'Black Box' as mirror backup. Data storage - max 2.5 inch 2TB HDD/SSD and 1 SD card as backup.
- DC8V-36V wide range voltage, aluminium housing, low power consumption. Power off settings, between 8 seconds and 1-2 hour with UPS battery.
- Product size: 199x76x190mm.

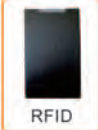


Mobile Digital Video Recorder with SD Card Data Storage

- 4-CH 960P/720P options. Dual SD card MDVR.
- Simple configuration using the QOHO software and PC or where MDVR's are fitted with the optional WiFi board, MDVR's can be programmed using the QOHO app via WiFi with iPad/iPhone or Android.
- Connect optional items, acceleration sensor, temperature sensor, oil/fuel sensor, monitor, RFID.
- LED panel and other peripherals connect to RS232/RS485 interface.
- Cameras attach to the MDVR with aviation connectors providing stable and reliable connectivity.
- GPS, 3G/4G, WIFI options available.
- Speed, turning, braking, reversing, door opening and closing can all be recorded.
- Supports local and remote control of PTZ.
- Supports a maximum 128GB SD card in each slot, Total is 256GB SD card.
- DC8V-36V wide voltage supply, aluminium housing, low power consumption.
- Power off can be set between 8 seconds and 1 hour with UPS battery.
- Product size: 122x42.6x109mm. Industrial quality, good vibration absorption and heat-dissipation level design.



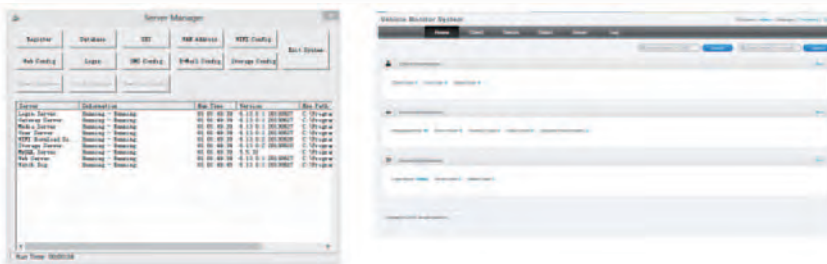
QOHO System Accessories



The CMS software provides a full range of functions such as:

- Real-time video monitoring • GPS vehicle tracking • Geofence monitoring • Voice intercom
- Alarm reporting • Video download and storage • Statistical analysis
- Provides large vehicle fleet real time monitoring and fleet management
- Real-time video & audio monitoring
- Real-time monitoring of fleet status, such as numbers of online vehicle, speed, temperature, alarms etc.

CMS (Centre Management Software)



- Video remote search & download

CMS Client (remote live view in real-time)



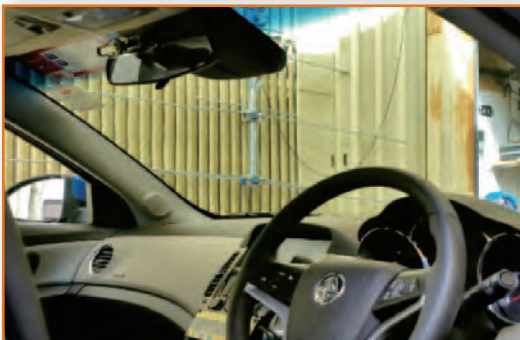
- Picture snapshot
- PTZ control
- Driving route history

PAS (Playback Analysis Software)



1080P Dual Lens Camera - Internal & Front Facing Camera

Front & Internal Combined Camera



Internal Wide Angle Camera



Product Features

- Ideal for Commercial vehicles, Taxi's and SUV's
- Extra wide 130 degree viewing angle
- Records driver and passenger image simultaneously
- 10pcs IR LED, 2.1mm wide view lens
- MC810 dual camera can record the forward view as well as a wide-angle view of the inside of the vehicle
- Body size: 117x30x118mm
- Product codes:
QH-MC80 Front Facing Camera
QH - MC81 Wide Angle Internal Camera



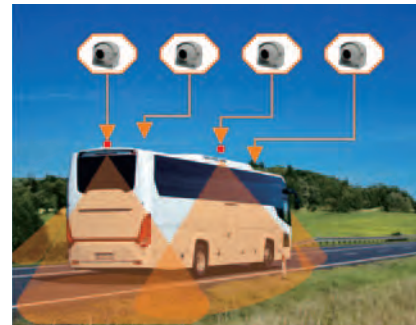
STAR LIGHT LOW LUX CAMERAS

180 Degree 960P Star Light IP67 Camera



Product Features

- 180-degree Star Light External camera operates in very low light, Star light ,0.0001 lux
- IP67 ingress protection,
- High resolution 960P AHD;
- body size: 39 x31 x 18mm
- Product code: QH-MC180

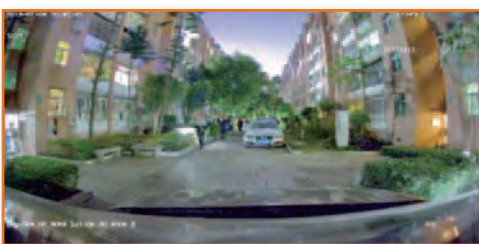


Normal camera view



960P star light camera view

1080P Star Light Camera



1080P Star Light camera view



Low lux camera view

Product Features

- 1080P Star Light Internal camera
- Operates without the need for infrared
- Starlight level technology, providing very clear night time images
- Wide 135degree viewing angle
- Product code: QH-MC011HP

1080P Mini forward facing Camera



Product Features

- Mini Vehicle forward facing camera (can view 4-lanes)
- 700TVL/960P/1080P AHD camera options, 0.001lux
- 2.6mm lens with 110 degree, built-in microphone for audio recording; HD image quality, vertical 360 degree rotate
- Designed to be installed within the vehicle
- Body size:63x38.8x36mm
- Product code: QH-MC1205

Product technical parameters

Resolution	1080P/720P /700TVL
Effective pixels	1920*1080
Horizontal angle	110 degree wide view
Lens	2.6mm lens
Operation voltage	DC12V
Operation temperature	(-25℃~+75℃)
Application	Vehicle inside taxi, truck, bus, car inside.
Body size	63*38.8*36mm



1080P Outside Rear View Camera



Product Features

- External IR camera; 700TVL/960P/1080P AHD camera options
- 18 pcs IR LED, 3.6mm lens standard
- HD image quality
- IP67; Body size:79x65x54mm
- Product code: QH-MC018

Product technical parameters

Resolution	1080P/960P /700TVL
Effective pixels	1920*1080
Horizontal angle	75 degree
Lens	3.6mm lens(2.5mm,2.6mm lens optional)
Operation voltage	DC12V
Operation temperature	(-25℃~+75℃)
Application	Vehicle inside taxi, truck, bus, car outside.
Body size	79*65*54mm

INTERNAL CAMERAS

Mini Vehicle Forward Facing Camera



Product Features

- Mini Vehicle forward facing camera (can view 4-lanes); 700TVL/960P/1080P AHD camera options, 0.001lux
- 2.6mm lens with 110 degree, built-in microphone for audio recording; HD image quality, vertical 360 degree rotation
- Designed to be installed within the vehicle;
- Body size:63x38.8x36mm
- Product code: QH-MC1205

Metal Box Camera



Product Features

- Metal box camera
- 700TVL/960P/1080P AHD camera options
- 5pcs IR LED SMD type, 2.1mm lens
- HD image quality, IP67
- Body size:29.5x31x42.6mm
- Product code: QH-MC050

Mini Covert Camera



Product Features

- Mini covert camera
- 700TVL/960P/1080P AHD camera options
- 3.7mm pinhole lens
- HD image quality
- Body size:3.5x3.5mm
- Product code: QH-MC011

Mini Vandal resistant interior camera



Product Features

- Mini Vandal resistant interior camera
- 700TVL/960P/1080P AHD camera options, 3.6mm lens
- HD image quality
- Body size79x55mm
- Product code: QH-MCBB60

Mini Vandal resistant interior camera



Product Features

- Mini Vandal resistant interior camera
- 700TVL/960 P/1080P AHD camera options, 3.6mm lens
- HD image quality
- Body size79x55mm
- Product code: QH-MCBB68

Vehicle Mini IR Dome Camera



Product Features

- Vehicle Mini IR dome camera
- 700TVL/960P/1080P AHD camera options, audio is optional; 10pcs IR LED,3.6mm lens
- HD image quality
- Body size 68 X 68 X65mm
- Product code: QH-MC510

Mini IR Dome Camera



Product Features

- Mini IR dome camera
- 700TVL/960P/1080P AHD camera options; audio is optional
- 6pcs IR LED,3.6mm lens
- HD image quality
- Body size:60x60x55mm
- Product code: QH-MC606

Infrared Dome Camera



Product Features

- Infrared dome camera
- 700TVU960P/1080P AHD camera options, audio is optional; 24pcs IR LED,3.6mm lens
- HD image quality
- Body size:93x93x70mm
- Product code: QH-MC524

EXTERNAL CAMERAS

External Side IR Camera



Product Features

- External Side IR camera; Left, right, top, rear direction
- 700TVL/960P/1080P AHD camera options
- 10pcs IR LED, 3.6mm lens
- HD image quality, IP67; Body size: 75x59.5x90.5mm
- Product code: QH-MC610

External IR Camera



Product Features

- External IR camera; 700TVL/960 P/1080 P AH D camera options
- 18pcs IR LED, 3.6mm lens standard;
- HD image quality, IP67;
- Body size : 79x65x54mm
- Product code: QH-MC018

External Mini IR Camera



Product Features

- External Mini IR camera
- 700TVL/960P/1080PAHD camera options, 3.6mm lens
- 6pcs IR LED & 3 pcs IR LED
- HD image quality, IP67
- Body size: 45x55x70mm
- Product code: QH-MC706

Side Infrared Camera



Product Features

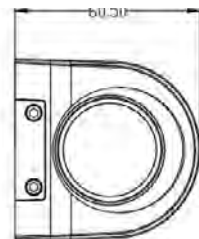
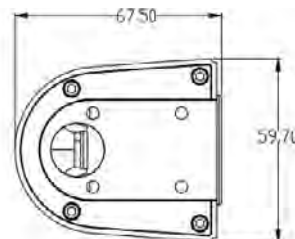
- Side Infrared camera, Left, right, top, rear direction
- 700TVL/960P/1080P AHD camera options, 10pcs IR LED, 3.6mm lens
- HD image quality, IP67
- Body size: 59.7x60.5x67.5mm
- Product code: QH-MC512

Mini rear-view Camera



Product Features

- Mini rear-view camera
- 700TVL / 960P/1080P AHD camera options
- 10pcs IR LED, 3.6mm lens;
- HD image quality, IP67
- Body size: 72x50x58mm
- Product code: QH-MC110



Reversing Assistance System

7" Rear View Monitor QH-TF012, rear view IP67 Infrared Camera QH-MC018 1080P 120°, with extension cables, 960P Star Light Camera, 180° wide viewing angle, Ultrasonic proximity sensors QH-MC012A



QH-MC012A



QH-MC018 1080P

Product Features

- 7inch Rear View Monitor QH-TF012
- rear view IP67 Infrared camera QH-MC018 1080P 120° with extension cables
- 960P star light camera
- 180° degree wide viewing angle
- Ultrasonic proximity sensors QH-MC012A



DASH CAM

2160 ULTRA HD 360 DEGREE PANORAMIC RECORDER



Sony 326 Lens with infrared light
Panoramic 360 degree front lens
170 degree rear lens















Open fisheye mode, lens can be set to internal panoramic mode



Close fisheye mode, lens can be set to forward flat angle mode

UPGRADES A MORE POWERFUL PARAMETER CONFIGURATION

 2160 HD	 Infrared Fill Light	 Dual lens recording	 Automatic time-lapse recording when parking
 Loop recording	 Collision Lock	 Wireless WiFi	 360degree rotating body
 Mini hidden	 APP view	 F2.0 aperture	 Front fisheye panoramic lens

UNLIMITED WI-FI MOBILE PHONE INTERCONNECTION

Use a mobile phone to connect to the recorder via WiFi to achieve 24-hour monitoring, in real-time when in range of the recorder



360 DEGREE FISHEYE LENS



INSTALLATION DIAGRAM

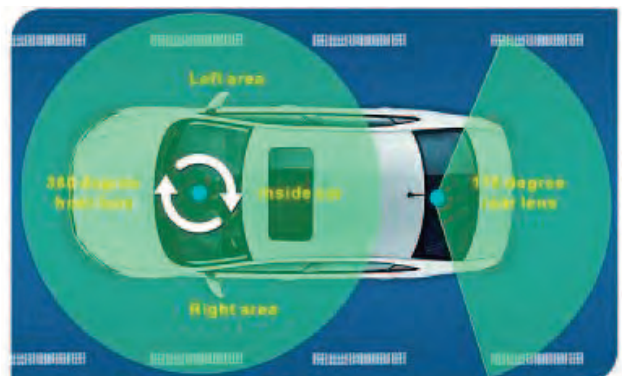


6 GLASS + IR-CUT FISHEYE LENS



DUAL LENS RECORDING, FRONT & REAR

360 degree front lens and 170 degree rear lens



• Product code: QH-DVR7102

DASH CAM

CONNECT TO THE RECORDER WI-FI VIA MOBILE APP

Connect to the recorder via WiFi through the APP and you can view the preview screen in real time on your mobile phone and select a variety of screen experiences.



Spherical screen Binary screen Quadrant screen Hemisphere screen Cylindrical screen

Real-time viewing of multiple APP screens

GRAVITY SENSOR

When the vehicle is in an abnormal position, the emergency recording mode is automatically turned on, the video is locked and not cycled.



LOOP RECORDING

When the recorder's memory is full, there is no need to manually delete it. The system will automatically record new video over the earlier video. The old and new videos will seamlessly connect.



PRODUCT LIST



MOBILE PHONE TO VIEW SHARED VIDEOS IN REAL TIME

Open the app on your mobile phone and connect the recorder to view the video playback in real time, avoiding the need to take the TF card to your computer to view the recorded images.

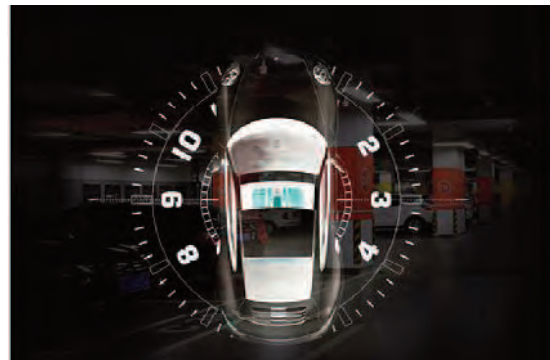


You can also share your recorded photos at any time through the app.



24-HOUR PARKING MONITORING

The system automatically changes to automatic parking mode, switching to time-lapse video (5 frames/sec), providing 24-hour surveillance for your vehicle. The device has low power 11.6V start protection for the car battery, the CSD automatic infrared light turns on for night time operation

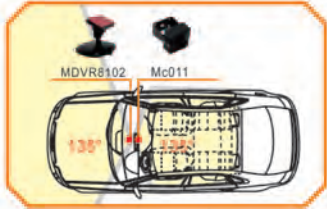


FUNCTION PARAMETER



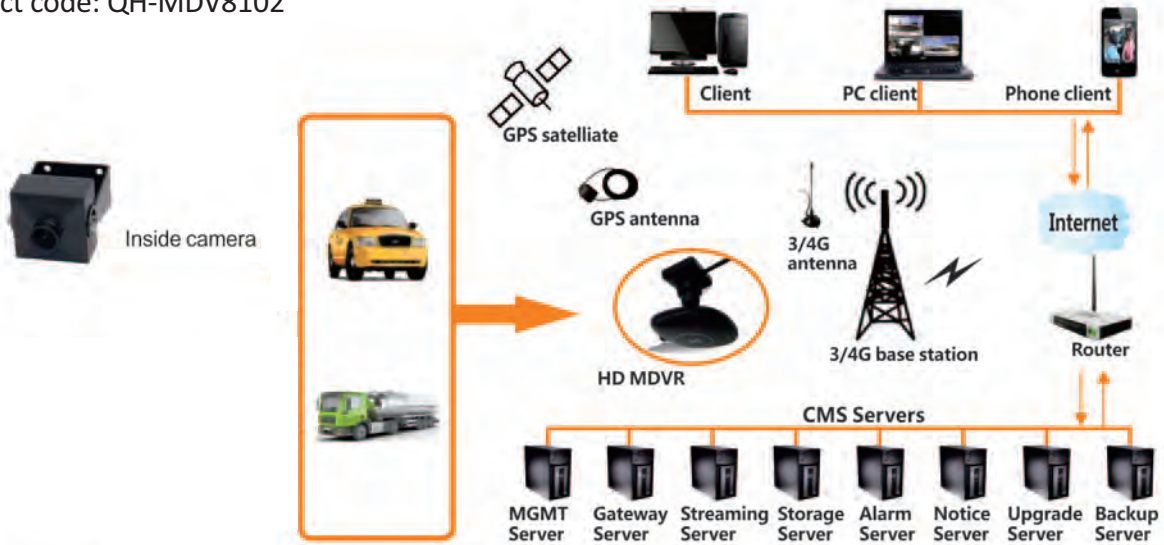
Master control	Novatek96660	Sensor	Sony 326 HD lens
Size	87X48X26mm	Storage	2G-128G TF high speed card
Video format	Mp4	WiFi connect	The distance is about 25 meters
Power way	Input 12V / -30V Yellow charge Rest ACC Black GND Output 5V 2A		
Machine power consumption	2.5W 3.5W	Gravity sensor	Built-in high precision three-axis sensor
Len	Front 360 panorama rear Hd720	Loop recording	Automatic overlay loop recording
Fixing method	3M fixed adhesive tape	Support platform	Android, iOS

Mini 2 Channel Camera System - 1080P 3G/4G GPS WiFi DVR



Product Features

- Fitted with a Hisilicon high performance processor using H.265 compression
- Supports remote access via a mobile phone app or over WiFi
- Supports remote live video streaming
- Supports remote configuration via the mobile phone app
- Supports 2-ch 1080P camera working
- Supports a second camera with wide viewing angle
- Bluetooth is an optional extra
- Optional remote audio monitoring
- 8-36V Wide voltage range, 8-36VDC
- Supports various transmission quality options
- Supports two SD card recording, maximum storage capacity - 256GB
- Compatible with CMS QOHO Management software
- Supports iPad, iPhone, Android and PC for remote viewing in real time
- Product code: QH-MDV8102





Driver State Monitor

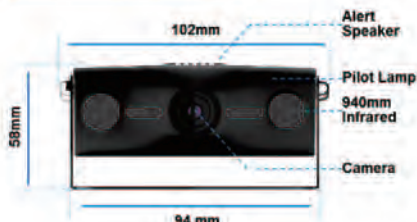
Provides concise monitoring of the driver's concentration levels, detecting driver fatigue or distraction and warns the driver of potential careless driving.

The product's normal working conditions are not affected by external light sources and operates in the vast majority of vehicles. Easy to setup, only needs to be angled up to the drivers face. The recommended installation position is above the instrument panel, in the central position.



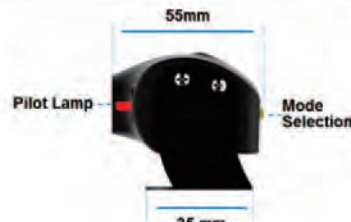
- Simple to install - Bracket can be attached to the dashboard with double sided adhesive pad.
- Recommended installation position: Subject to the vehicle design.
- Installation distance: Max 75cm (recommended distance: 45cm - 75cm).
Adjust the camera lens position so that it can effectively identify the drivers face.
- Product code: QH-DF60

Body Size



Front

Body Size



Side

Lane Departure Warning

Alerts the driver to unintended/unindicated lane departures.

Forward Collision Warning

Forward Collision Warning, alerts the driver that in the current situation relative to the vehicle ahead, a collision is imminent, prompting the driver to act in order to avoid a collision.

The system reminds the driver to keep a safe distance from the vehicle in front.

Pedestrian Collision Warning

While traveling at below 10km/hr the system alerts the driver to the presence of pedestrians and continues to monitor the pedestrian who may appear in front of the vehicle.

Driver behaviour Recording

Sends notification of alarms to the reporting app. and will record events on the MDVR if fitted.

Product code: QH-AD20



Alarm Wireless



Mainframe Size



Mainframe Face



SAFETY

Designed to assist drivers to avoid dangerous situations



PRACTICAL

Automatic alerts remind the driver to drive safely



QUALITY

Vehicle AEC-Q100 quality chips and great circuit design to ensure steady performance

PTZ 4G 1080p HD Camera



Product Features

- HD Infrared PTZ Camera;
- H.265 encoding image quality, Dual stream output;
- 360°-degree PTZ 20X/30X, 200 pre-sets, movement sensor;
- Built-in battery power supply (4-6 hours of operation) or connect to an external power supply.
- Remote view/monitoring in real time, Two-way voice/intercom; 4G/WIFI transmission; multiple image quality transmitting options; Record images on a SD card, supports up to 256G.
- 3G/4G/WIFI wireless transmission
- GPS google map/positioning, with precise timing function
- Product code: QH-PTZM820H



Electric power system



Traffic police



Mining industry



Environmental



Coast Guard



Forest fire prevention



Public security system

Body Worn Cameras – Ideal for Lone Workers and Security Personnel



- HD Body Worn camera with 2.0 inch LCD display
- Optional desktop charger allows you to also charge a spare battery
- Supports 4G/WiFi; Dual streaming technology
- Supports GPS/BD/GLONASS
- Powerful software platform offers remote viewing, playback, download, broadcast, two-way voice communications
- 2.0inch full high-resolution display
- 4G real-time transmission, HD Video with audio recording
- Embedded Linux operating system
- Supports max 64GB Storage
- SOS alarm
- High definition Micro-camera, and earphone jack socket
- Two-way speech and other functions through Wi-Fi wireless network
- Product code: QH-M8110DVR

Main features

- User can send live video and audio through 3G, 4G or WiFi.
- The built-in GPS unit provides live tracking of the device . The GPS data will be recorded within the device with audio and video file.
- A lithium battery provides power.
- Built-in 16G storage space. (32G~128G optional storage space)
- Built-in 16 million pixel cameras, supports recording at 1080P, 720P or D1 resolution; picture options, 16 million pixels, 12 million pixels and 5 million pixels.
- Has Infrared for recording at night.
- The recorded files are named and have information on date, time, record type, this makes it easier for when you are searching for specific files.
- The user can explore, search and playback the files on the device.
- The device is fitted with a panic button. The panic button alarm can be sent to a control centre via 3G/4G.
- The device can display device ID, user ID, date and time.
- The device can display information about battery usage, charging status, system time and memory space. The device has light indication for power on, recording video or audio. Green light indicates power on, red light indicates recording.
- The device can report event alarms, including alarm for low battery, insufficient memory space, alarm etc.
- The device log files will log events including power on/off, recording video, recording audio, taking pictures, GPS status fixed, 3G/4g connection, and WiFi connection.



Body Worn Camera

Body Worn Camera with 2.4inch display & keypad



Product Features

- External CMOS camera, microphone, audio and video synchronization and storage monitoring
- H.264 video code compression
- Lithium battery-powered, easy to charge and carry
- Micro SD card recording up to 128GB
- Recording modes: auto recording on start-up, manually switch recording on, automatic recording when the alarm is activated
- Universal video file formats: ASF format, which can be played with the universal software VLC or the supplied playback software
- Short starting time: the device enters normal work mode within 15 second after start
- Functions: 4G wireless transmission, WiFi wireless transmission, GPS, Voice over IP calling function
- Product code: QH-M8001DVR

Body Worn Camera 1080 Full HD



Body Worn Camera. The rugged compact Bodycam is IP65 ingress protection rated.

- Supports single photo and video recording
- Built-in lithium battery.
- Supports 4G/WIFI; Dual streaming technology
- Supports GPS/BD/GLONASS
- Supports Bluetooth earphone, Bluetooth handheld mic, etc.
- Supports up to 128G Micro-TF card video storage
- Powerful software platform provides remote preview, playback, download, broadcast, two-way communications, etc.
- You can select to use the built-in camera or use the optional remote cameras.
- Alarm recording and transmission with optional 3G/4G/WiFi
- Product code: QH-M82HDVR



Product Features

- Fireproof & waterproof "black box" recorder;
- Strong & anti-corrosion steel body, effectively protects the security of the recorded data;
- Stored data is protected from high temperatures of up to 600 degrees for 20-30 minutes
- The QH-FB804 storage unit supports SD cards of up to 64GB.
- Small, lightweight construction, waterproof, dustproof, explosion-proof technology.
- It has special connectivity to onboard MDVR's to provide an external mirror image video recording function.
- Body size: 156 X 99 X 76mm
- Product code: QH-FB804



FORS VEHICLE SAFETY EQUIPMENT REQUIREMENTS



Mini Vehicle forward facing camera (can view 4-lanes); 1080P AHD
Product code: QH-MC1205



Side Infrared camera
1080P AHD, 10pcs IR LED, 3.6mm lens
HD image
Product code: QH-MC512



7inch Quad Monitor



Reversing sensors and speaker



8ch 1080P GPS 3G 4G WIFI



Left turn speaker



Rear view IP67 infrared camera



Left turn proximity sensors

NOTES





professional vehicle surveillance and safety systems

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