RECODA

3G and GPS optional police Portable DVR

Model:M501

Features:

- Portable separation design with industrial level;
- Main device can work independently with built-in CMOS camera and microphone;
- Auxiliary device provides GPS / 3G function and backup battery;
- Lithium battery power supply, working time >4 hours;
- Advanced audio/video compression technology;
- ASF standard record format；
- Support one micro-SD card;
- Optional function: Bi-directional voice communication
- Central management software provided(optional)

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Applications:

Policeman, Security guard, Patrolman, Army man, Reporter,

Mineral & petrol worker, Enterprise patrol, Private detective,

Sports & entertainment

Specification:

Item		Description
Operation system		Linux
Separate design		Main device can work independently to realize local record while auxiliary device provides GPS / 3G function and backup battery.
Graphic operation interface		Use buttons to complete the setting of various parameters
Security management		User password management
Video	Video input	Built-in camera lens, angle of visibility: 70°, CMOS sensor Illumination: 0.1Lux
	OSD	Time & date, device ID, GPS, etc.
	Compression	H.264. Hisilicon high performance processor is adopted.
	Video resolution	VGA by default, QVGA optional
	Video Bit rate	QVGA: 400Kbps ~ 1.5Mbps, 4 levels of bit rate optional VGA: 1000kbps ~ 2Mbps, 4 levels of bit rate optional
	Preview function	Real time, record video preview
	Dual stream	Support
Audio	Audio input	Built-in MIC
	Audio output	Built-in speaker, >1W
	Compression	G.726
Recording	Storage media	Micro-SD card, support 1G ~ 32G
	File format/system	ASF record file format, FAT32 file system
	Recording mode	Startup recording by default, support manual recording

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	Recording search	Search recording video files by time, type, etc.
	Recording Playback	Support fast forward, fast backward, play, pause, support 2, 4, 8, 16 times speed fast forward or fast backward, support playback of file by time
Wireless transmission (auxiliary device)		Built-in 3G wireless transmission module, WCDMA, CDMA2000, TD-SCDMA system optional; Compatible with GPRS, EDGE;
GPS (auxiliary device)		Built-in GPS;
Screen parameters (auxiliary device)	Size	2.4 inches
	Type	TFT
	Resolution	480*234
System upgrade		Support Micro-SD card upgrade
Power supply & consumption	Power supply management	Manual startup/shutdown; support manual off-screen, automatic off- screen
	Battery capacity	Main device: 1500mAh, 3.7V Auxiliary device: 2100mAh, 7.4V
	Charging period	2 hours
	Working period	Independent working time of main device: 4 hours
		Working time of complete device (main device and auxiliary device): 5 hours, auxiliary device can supply power to main device
Working environment	Temperature	-20℃ ~ +50℃
	Humidity	20% to 80%
Dimension	Main device	50(W) x90(H) x28(D) mm
	Auxiliary device	70(W) x110(H) x28(D) mm
Weight		Main device : net weight: 95g, gross weight: 307.5g Auxiliary device: net weight: 238g, gross weight: 352g

1 Main Device Front Panel

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1. Camera lens;

2. Status lights;

3. Video control button;

4. 3G connection control button;

5. Illumination sensitivity;

6. LED infrared light;

7. Cable connecting the auxiliary;

2 Main Device Rear Panel

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1. Clip;
2. Battery cover
3. Connection wire to the auxiliary;
4. Main device switch;
5. Mini SD card slot and main device power interface;

3 Auxiliary Front Panel

1. 3G antenna
2. Connection wire to the main device
3. Status indicator
4. Display Screen
5. Cancel (return to the previous menu, long press to switch off)
6. Right
7. OK button for selection
8. Down
9. OK button (long press to manually switch on or off the display)
10. Up
11. Left

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Police Portable DVR with 3G and GPS WIFI optional

Model:M502

Specification:

Item		Description
Operation system		Linux
Separate design		Main machine can work independently to realize local record while auxiliary machine provides GPS / 3G function and backup battery.
Graphic operation interface		Press buttons for parameter setting
Security		User password athourization
Video	Video input	Support DV camera input
	OSD	Time & date, device ID, GPS, etc.
	Compression	H.264 with high performance processor
	Video resolution	VGA (640x480)by default, QVGA (320x240)optional
	Video Bit rate	QVGA: 400Kbps ~ 1.5Mbps, 4 levels of bit rate optional VGA: 1000kbps ~ 2Mbps, 4 levels of bit rate optional
	Preview function	Live view
	Dual stream	Support
Audio	Audio input	Headset or Bluetooth　headset

	Audio output	Wired headset or Bluetooth headset
	Compression	G.726
Recording	Storage media	Micro-SD card, support 1G ~ 32G
	File format/system	ASF record file format, FAT32 file system
	Recording mode	Startup recording by default, support manual recording
	Recording search	Search recording video files by time, type, event,etc.
	Recording Playback	Support fast forward, fast backward, play, pause, support 2x, 4x, 8x, 16x fast forward or fast backward, support playback of file by time
Wireless transmission (auxiliary machine)		Built-in 3G wireless transmission module, WCDMA, CDMA2000, TD-SCDMA system optional; Compatible with GPRS, EDGE;
GPS (auxiliary machine)		Built-in GPS;
WIFI		Built-in WIFI module
System upgrade		Support Micro-SD card upgrade
Power supply & consumption	Power supply management	Manual startup/shutdown; support manual off-screen, automatic off-screen
	Battery capacity	Main machine: 1500mAh, 3.7V Auxiliary machine: 2100mAh, 7.4V
	Charging period	<3 hours
	Working period	Independent working time of main machine: 4 hours
		Working time of complete device (main machine and auxiliary machine): 5 hours, auxiliary machine can supply power to main device
Working environment	Temperature	-20°C ~ +50°C(-68°F ~122°F)
	Humidity	20% to 80%
Dimension	Main machine	71.2(W) x112.8(H) x32.4(D) mm
Weight		Main machine : net weight:280 g, gross weight: 307.5g

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Front　view

Back view

Front Panel

1. Power/charging indicator;

2. 3 g/WIFI state light;

3. Bluetooth \ talkback state light;

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4. GPS status indicator lamp;

Left ports

Open the dust cover:

1. Reset key;

2. Power adapter insert mouth;

3. Mini USB transfer network card interface;

Right buttons

1. The on/off button
2. Device request talking button
3. 3 g/WIFI switch button

Top interface definition

1.Video   input
2 earphone output/MIC input

Back panel definition

1.   The battery cover card buckle

External connect cables
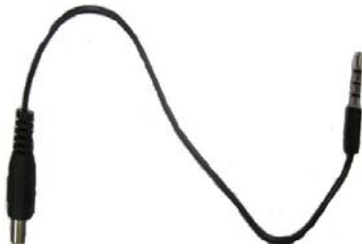

Diagram 1

External   camera

Diagram 2

External earphone

Video connect cable

converter of USB port to port

Police portable DVR with 3g GPS WIFI optional

Model:M503

Features:
Industrial-grade design/IP66 H.264 compression/D1;
Professional

2.4 inch LCD;

3G, GPS, WiFi functions;

Fast startup
Specialist on 3G mobile monitoring
High-end 3G Body-worn DVR PTT function;
Two-way talk;
Emergency button Work time > 4.5 hours/car recharge Powerful CMS software .

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Specification

Item	Description	
Video	Video input	External mini camera
	OSD	Time & date, device ID, GPS, etc.
	Compression	H.264 with high performance processor
	Video resolution	D1 25fps/30fps
Audio	Compression	G.726
Recording	Storage media	Micro-SD card, support up to 64G
	Recording mode	Startup recording by default, support manual recording
	Recording search	Search recording video files by time, type, event,etc.
3G	Support 3G WCDMA/EVDO; Compatible with GPRS, EDGE;	
GPS	Built-in GPS;	
LCD	2.4 inch TFT LCD 480*234	
System upgrade	Support Micro-SD card upgrade	
Power supply & consumption	Power supply management	Manual startup/shutdown; support manual off-screen, automaticoff-screen
	Battery capacity	4200mAh, 7.4V
	Charging time	<3 hours
	Working time	>8 hours
Working environment	Temperature	-20～C ~ +50～C(-68～F ~122～F)
Humidity	20% to 90%	
Dimension	80(W) x140(H) x35(D) mm	
Weight	Net Weight: 475g(1.05LB)	

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1. DVR ON/OFF BUTTON
2. The Photo taking button;
3. The audio and video interface;
4. left direction;
5. Status lights;
6. Confirm key of selection
7. Light direction;
8. Charging connector;
9. The external data connector
10. Video control keys;
11. No definition.

1. Clip;
2. Battery cover
3. Battery cover switch