MobileSystems

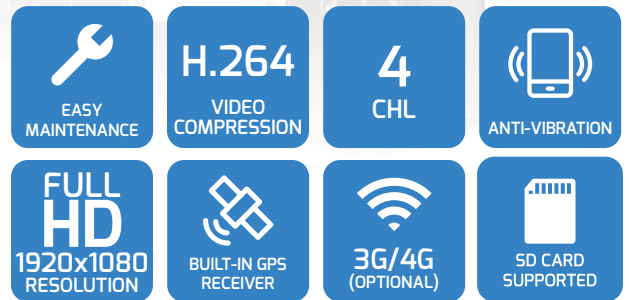VIDEO IN REMOTE GPS USB1 AV OUT / ALARM POWER

VT4000

FULL HD 1080P DIGITAL VIDEO RECORDER

The **VT4000** is a 4-channel digital video recorder, providing 1080p full HD video for excellent picture detail and clarity.

- 4-channel video recording AHD cameras (720P, 1080P) and SD cameras can be used

- Integrated Telit 3G cellular modem

- Fixed cable connections and lockable covers to ensure data is not lost

- Intelligent DMS5 API for live-streaming of images

- API available for direct integration with telematics software

- 2.1MP full HD recording captures high quality images

- GPS/GLONASS

- Highly sensitive positioning solution for live vehicle tracking and reporting

- Events notification

- The system can be connected with an external Panic button (see image)

- Google™ Map 3.0 and Google™ Earth licensed

EASY MAINTENANCE

H.264 VIDEO COMPRESSION

4 CHL

ANTI-VIBRATION

FULL HD 1920x1080 RESOLUTION

BUILT-IN GPS RECEIVER

3G/4G (OPTIONAL)

SD CARD SUPPORTED

External Panic button

CE FC CLOCS FORS FLEET OPERATOR RECOGNITION SCHEME

Specification*:

Size(mm)		System size(mm) : 90x120x28 (Metal cover size : 125x147.5x36)
Weight(g)		166.5g(System) / 48g(SW KIT) / 427g(Metal Cover-Include Key)
Camera	Resolution	(1) FHD(1920x1080) x 2 Channel : Max Total 30 fps (2) HD x 3 channels(total 45 fps) + D1 x 1 channel(30 fps) (3) D1(720x480, 720x576) x 4 Channel : : Max Total 120 fps
Storage	SD Card	SDHC/SDXC, 1 Slot
Sensor	G-sensor	3 Axis(X,Y,Z), output rate: 100 Hz, Measurement Range: -4G ~ +4G Sensitivity : 512LSB/g Zero-g offset : ±70mg
	Gyro	3 Axis(X,Y,Z), output rate: 100 Hz, Measurement Range : ±125°/s Sensitivity : 262.4LSB/°/s
Positioning	GNSS	Support GPS/Glonass/QZSS satellite, Data output rate: 1Hz CEP: 2.5m, Accuracy of Velocity: 0.1m/s TTFF: within 1 min after boot
Audio/Video	Buzzer	1
	MIC	1 (External/Internal)
	Audio/Video Out	HP out / CVBS
User interface	LED	3 : Warning LED(Red), Record LED(Blue), Communication LED(Green)
	Button	3 : Panic Button, M1 Button, M2 Button
Communication	3G	Built-in 3G module (External Antenna)
	Wi-Fi / Bluetooth	Support USB Dongle Type
Power	Power spec	DC 12V/24V
Environment	operating temperature	-10 ℃ ~ +55℃
	storage temperature	-20℃ ~ +70℃
OS		Embedded Linux
Video Codec		H.264, JPEG
Audio Codec		PCM
Interface		"SD card slot x 1 A/V out x 1 External MIC In x 1 USB slot x 2 (USB 2.0 OTG: Type A, USB 2.0 Host) Serial x 2 (OBDII, GNSS) Video In x 4 (Extension cable) Switch Kit Signal: Alarm In x 3 / Alarm Out x 2 / RPM / Speed DC-in x 1 (B+, GND, ACC) SIM Slot x 1 (Mini-SIM)"
Application	Record Mode	Continuous/Event/Dual
	Record Data	Video, Audio, GPS, G-sensor, Gyro, Driving data
	Event	G-sensor, Panic, Speed over, Alarm in, Parking, System warning, Car signal
	Network Service	DMS5
	A/V out	Video Live out, Voice guidance
	Miscellany	"G-sensor calibration, High temperature protection, GPS time sync, DST, Encryption(AES)"
Certification		GCF, CE / E-Mark, FCC

*This table is a guideline only. Actual results may vary depending on a variety of factors on the road.