

IT1000 Specifications



IT 1000 3G Vehicle Camera

Camera	Quantity	Integrated
	Resolution	1280p * 720p
	Frame rate	25fps
	Sensitivity	0.05Lux
	Dynamic	115dB
	Angle of aperture	110°
Video recording	Storage	SDHC/SDXC
	File Format	FAT32
	Storage Card	SD Card (up to 32GByte)
	Dual Streaming	Continuously and event driven
	Event Trigger	Internal g-force-sensor or external trigger inputs
	Length	Configurable up to 30s pre- and 120s post event
	Transmission	3G upload to server
	High Event Video Handling / Video High Events	Stored to internal memory or to SD-card Automatic upload to server
	Low & Medium Event Video Handling / Video Low & Medium Events	Stored to SD-card Upload to server manually
Security during Video Transmission	TLS-encryption during data transmission	
Data encryption (optional)	Method	AES (Advanced Encryption Standard)
Data access		Via web-interface or API to VTS-server
G-Force sensor	Axis	3
	Accident Level	Adjustable 1g - 2g
	Trigger level	3 level (low, medium, high)
	Calibration	Auto adjustment after installation
	Configuration	Remotely over the air
	Sampling rate	50 Hz - 1600 Hz
GNSS	System	GPS/GLONASS
	max. number of satellites	90
	Update rate	10 Hz
	Tracking intervall	1s - 300s
Modem	Antenna connector	internal
	Versions	UMTS / CDMA
Battery	Max. data rate upload	UMTS 5.2MBit, CDMA 1.8MBit
	Capacity	480mA
	Voltage	up to/bis zu 3.7V
Data Daten	Operation time fully charged	20min, Standby 7 days
	Dimensions without mount	105mm * 45mm *40mm
	Weight	140g
	Input voltage	7V-32V
	Temperature range (ambient)	-15°C to/bis 75°C
	Passive cooling	Cooler with 25 fins
Power Consumption @ 12V	Approvals	RTTE directive 1999/5/EC, ECE R10 (Rev 4) (E1)
	Standby	170uA
	Recording	220mA
Connector	Video upload	400mA
	Type	Molex 6-pin MicroFit
	Input	1 digital Input up to 32V
	Output / Ausgang	1 open collector, up to 30V, 100mA
	RX/TX	Configuration-Interface
Power	Ignition +Vcc/GND	