Specification for MDVR TM-28

Product Series		T28-16CH
Function Overview		Live view, recording, playback, network, GPS location tracking
System	OS	Embedded real time Linux
	Control Mode	IR remote control, control panel, network
Video	Input	16 Channels (Aviation-din X16)
	Output	2 Channels (Aviation-din X2)
	Total resource	16 CH HD1
	Video System	
Audio	Input	16 Channels (Aviation-din X16)
	Output	2 Channels (Aviation-din X2)
Display	Display Split	1/4/9/16
	OSD	GPS information, alarm, temperature, acceleration, voltage, device information, firmware version, MCU version, network status
	Operation Interface	Semi-transparent GUI
Recording	Video/Audio Compression	H.264/ADPCM
	Image Resolution	PAL: D1 (704x576), HD1 (704 x288), CIF (352 x288) NTSC:D1(704x480), HD1(704x240), CIF(352x240)
	Image Quality	1~8 levels adjustable (1 is the best)
	Recording Mode	General/schedule/alarm (sensor trigger, speed, acceleration, video loss, temperature)
	File Packing Time	15, 30, 45, 60 minutes
	Pre-recording	1~60 minutes
	Post-recording	30~1800 seconds
	Mirror Recording	Yes
Playback & Backup	Playback Channel	1 channel by local playback, 1/4/8/16 channels by playback software
	Search Mode	Date/time, channel, event
	Backup Mode	USB, HDD, Network
Network	Ethernet	RJ45 port (10/100M) X2
	3G	HSPA / EVDO
	WiFi	802.11 b/g/n
	GPS	GPS location tracking, speed detection and sync time (for both internal & external)
Storage	HDD	2.5" SATA HDD maximum 1TB X2
Interface	USB	USB 2.0 X2
	RS232/RS485	RS232 X2 / RS485 X2
	Sensor	8 inputs, 4 outputs
	UPS	Uninterrupted power supply for MDVR
	Mic	Audio communication with central office
	Panel	Control panel, Mini LED panel optional, CP3(multi-functional panel)
Power	Input	8~36V
	Output	12V@2A, 5V@1A
	Consumption	<15W(without cameras and any accessories)
Physical Characteristic	Dimension(L x W x H)	251mm X190mm X78mm
	Weight	4kg
Environment	Operating Temperature	-40℃~+55℃ (please use built-in heater if the temperature is below 0℃
	Operating Relative Humidity	8%~90%
Production Certification		CE, FCC, MIL-STD-810F