



TRM-1610S

16CH 12M H.265 Mobile NVR



Key Features

- Up to 16CH 12megapixel supported
- H.265, H.264, MJPEG codec supported
- WiseStream support
- Plug & play by 4 PoE / PoE+ ports
- 2 SATA (Front-swap)
 - Max. 2TB (HDD, Non-RAID mode)
 - Max. 4TB (SSD, Non-RAID mode)
- RAID 1 support

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Specifications

Display

Network camera	Inputs	Max. 16CH
	Resolution	12MP ~ CIF
	Protocols	Wisenet, ONVIF
Decoding	Local Display	[Clone Display] HDMI : Upto 4K (3840 x 2160), VGA : Max. 1080p
	Resolution	12M (30fps), 8.3M(120fps), 1080p(480fps)

Performance

Record	Compression	H.265, H.264, MJPEG
	Recording Bandwidth	Max. 128Mbps
	Resolution	12MP ~ CIF
	Mode	Normal, Schedule(Continuous/Event), Event (Pre/Post)
	Event Trigger	Alarm Input, Video Loss, Camera Event(Alarm, MD, Video Analytics, Defocus), G-Sensor(3 Axis)
	Event Action	e-Mail, PTZ Preset, Alarm Out, Buzzer, Monitor Out
Search & Play	Playback Bandwidth	Max. 32Mbps(16CH simultaneously)
	User	Max. 4 Users (Local 1, Remote 3)
	Simultaneous playback	Max. 16CH(Network) Max. 8CH(Local Monitor)
	Fisheye Dewarping	WEB / CMS
Storage	Supported HDD	Up to 4TB
	HDD Slot	SATA 2ea - Max. 2TB(HDD, Non-RAID Mode) - Max. 4TB(SSD, NON-RAID Mode)
	RAID	RAID-1
Backup	File backup	Exe(GUI), JPG/AVI(Network, excluding GPS information)
	Function	Multi channel(Upto 8CH) Play, Date-Time/Title/GPS display

Network

Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Server, Client), PPPoE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnP, HTTPS, SNMP, ONVIF (Profile-S), SUNAPI(Server, Client)	
DDNS	Wisenet DDNS	
Transmission Bandwidth	Max. 256Mbps	
Audio	Input/Output	16 ch (network)
	Compression	G.711, G.726, AAC(16/48KHz)
	Audio Communication	2-Way
Max Remote Users	Search (3), Live Unicast (10), Multicast (20)	
Security	IP address filtering, User access Log, 802.1x, Encryption	
Web viewer	Supported OS	Window 7, 8, 10, Mac OS X(10.8 or above)
	Supported browser	MS IE, Google Chrome, Mac Safari
Viewer Software	TMS, Webviewer	

Functions

Camera Setup	Item	IP address, Add profile edit, Bitrate, Compression, GOP, Quality, Camera MD setup Camera video setup (Simple focus, Brightness/Contrast, Flip/Mirror, IRIS, WDR, D&N, SSNR, Shutter, SSSR, DIS), Fisheye Dewarping Mode, Hallway View Setup, Camera Webpage
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PTZ	Control	Via GUI, Webviewer
Smart phone	Support Model	iOS, Android
	Protocol Support	RTP, RTSP, HTTP, CGI(SUNAPI)
	Control	Live(Multi-Profile Support), Playback
	Max. Remote Users	Search(3), Live Unicast(10)

Interface

HDMI	1EA
VGA	1EA
Audio	Out(1EA, Line)
Ethernet	RJ-45(10/100/1000BASE-T) x 2 RJ-45(PoE) x 4
Alarm	In 6EA, Out 6EA
USB	3 EA (2 Front, 1 Rear)
GPS	4 Pin Micro Fit
WiFi	1 EA (RP-SMA, F)
Serial(Protocols)	1 RS-232C(Reserved)
Power inlet	6pin connector 1ea

System

System Control	Mouse, Web, Controller	
Power Management	Shutdown Delay	Max. 72Hrs (User selectable)
	Startup Delay	0(Default) sec ~ 10 Min (User selectable)
Language	English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Swedish, Czech, Portuguese, Danish, Rumanian, Serbian, Croatian, Hungarian, Greek, Norwegian, Finnish, Korean, Chinese, Japanese, Thai	

Environmental

Operating Temperature	-25 to +55 °C(-13 to +131 °F) : HDD installed
Operating Humidity	20% ~ 85% RH
Certification	CE, FCC, cUL, KC UL-60950-1

Electrical

Power Input	9 ~ 36V DC
Power Consumption	Max. 144W
PoE Budget	Max. 32W

Mechanical

Color / Material	Black / Steel
Dimension (WxHxD)	250 x 99 x 303 (9.84" x 3.89" x 11.92")
Weight	7.35Kg

Control Box

Interface	Indicator	LED(Status indicator) : 6EA - Power(1), Alarm(1), Record(1), GPS(1), RAID(1), HDD Error(1)
	Emergency Button	1 EA
	Audio/Power Switch	Out(1EA, RCA, Line)
	Main I/O	1EA (DB9)
Mechanical	Color / Material	Black / Steel
	Dimension (WxHxD)	118 x 29.2 x 70mm (4.64" x 1.15" x 2.75")
	Weight	0.2Kg

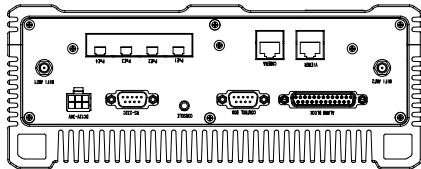
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CAD

Unit: mm [inch]



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UNIT : mm[inch]

