TRM-410S

4CH 8M H.265 Mobile NVR



Key Features

- Up to 4CH 8megapixel supported
- Max. 50Mbps/80Mbps recording
- 2 SATA (Front-swap)
  - Max. 2TB (HDD, Non-RAID mode)
  - Max. 4TB (SSD, Non-RAID mode)
- Wisenet (SUNAPI) / ONVIF camera recording
- H.265, H.265, MJPEG codec supported
- WiseStream support

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Display		
Network camera	Inputs	Max. 4CH
	Resolution	8MP ~ CIF
	Protocols	Wisenet, ONVIF
Decoding	Local Display	HDMI / VGA
	Resolution	8MP(60fps), 5MP(90fps), 3MP(120fps), 2MP(120fps), 720p(120fps), D1(120fps)
Performance		
Record	Compression	H.265, H.264, MJPEG
	Recording Bandwidth	Max. 50Mbps
	Resolution	8MP ~ 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(4CH simultaneously)
	User	Max. 4 Users (Local 1, Remote 3)
	Simultaneous playback	Max. 4CH(Local Monitor, Network)
	Fisheye Dewarping	WEB / CMS
Storage	Supported HDD	Up to 4TB
	HDD Slot	SATA 2ea - Max. 2TB(HDD) - Max. 4TB(SSD)
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. 50Mbps
Wireless	WiFi	Internal (802.11 ac(5G)), 1T1R
	3G/LTE	Support external 3G/LTE router (Ethernet)
Audio	Input/Output	4 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

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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, SSDR, DIS), Fisheye Dewarping Mode, Hallway View Setup, Camera Webpage
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 1 RJ-45(PoE) x 4
Alarm		In 6EA, Out 4EA
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, UL, KC EN-50155 (Rail Shock/Vib) EN-50121-3 (Railway EMC) EN-61373 (Railway Safety)
Electrical		
Power Input		9 ~ 36V DC
Power Consumption		Max. 83W
PoE Budget		Max. 32W
Mechanical		
Color / Material		Black / Steel

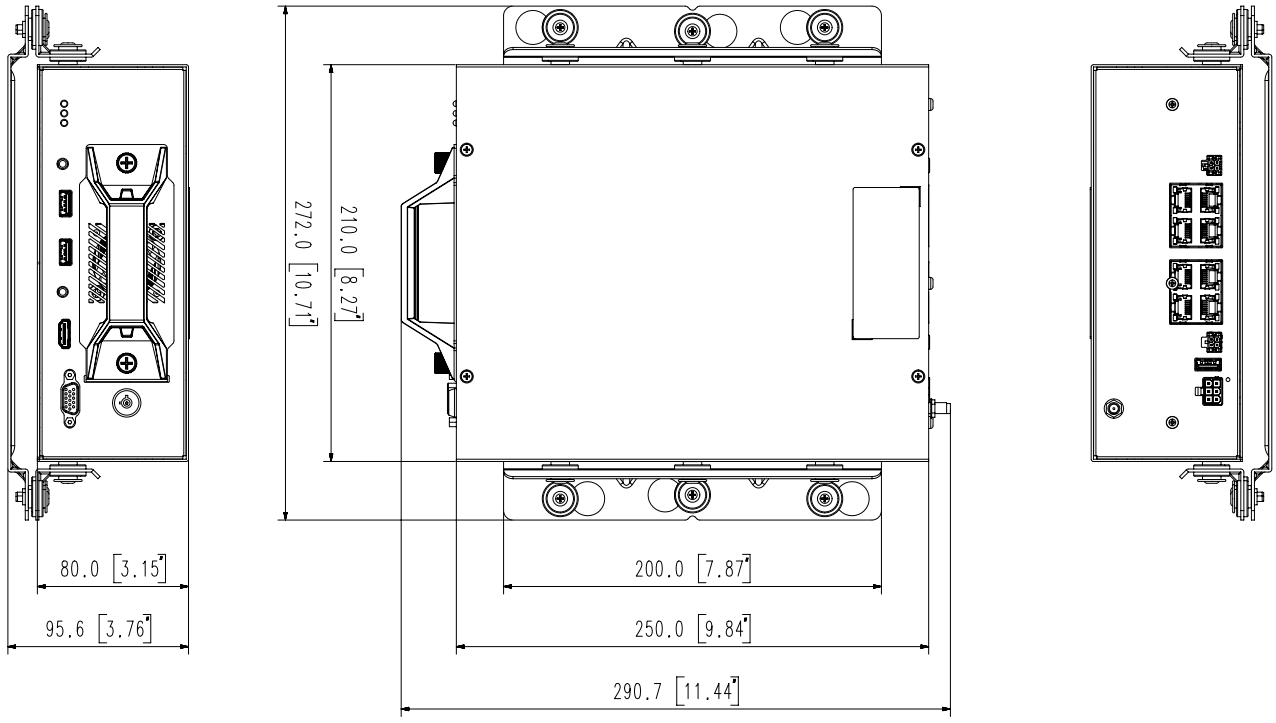
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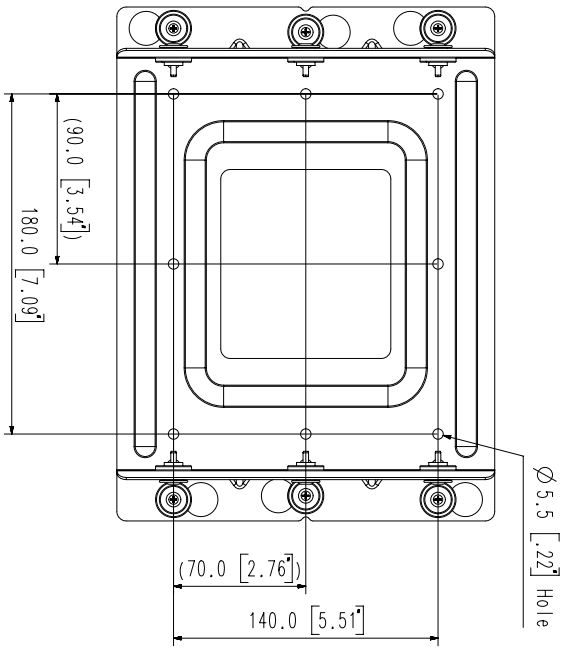
Dimension (WxHxD)		210 x 80 x 250 mm (8.27" x 3.15" x 9.84")
Weight		Approx 3.4Kg(7.5lb)
Control Box		
Interface	Indicator	LED(Status indicator) : 6EA - Power(1), Alarm(1), Record(1), GPS(1), RAID(1), HDD Error(1)
	Emergency Button	1 EA
	Audio/Power Switch	Out(1EA, RCA, Line)
	Main I/O	1EA (DB9)
Mechanical	Color / Material	Black / Steel
	Dimension (WxHxD)	118 x 29.2 x 70mm (4.64" x 1.15" x 2.75")
	Weight	0.2Kg

- The lastest product information / specification can be found at hanwha-security.com
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of Hanwha Techwin , formerly known as Samsung Techwin.

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This parts should not contain any substances which are specified in AR60-0033K





Appearance Drawing TRM-410S
Unit : mm [inches]

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