



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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Specifications

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 |
| 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, SSSNR, Shutter, SSSD, 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 |
| 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 |

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CAD

Unit: mm [inch]

This parts should not contain any substances which are specified in JEDEC-0051X

