

## TR-4516R

- Supports Multi Standard Analog Camera
- Up to 480ips Full HD recording
- H.265 encoding, Intelligent Codec Support
- Up to 5MP resolution support
- UHD Display with HDMI output
- Full HD Display with HDMI and VGA output
- Long transmission distance over coax cable
- Supports OSD control over Coax
- Expandable up to 40TB using 4 SATA interfaces and 1 eSATA storage interface
- Supports RAID 1
- Supports one click network configuration through FEN servic

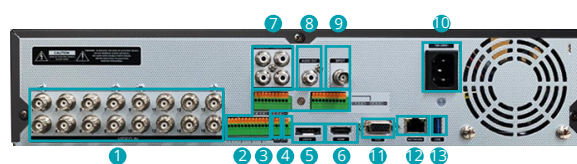
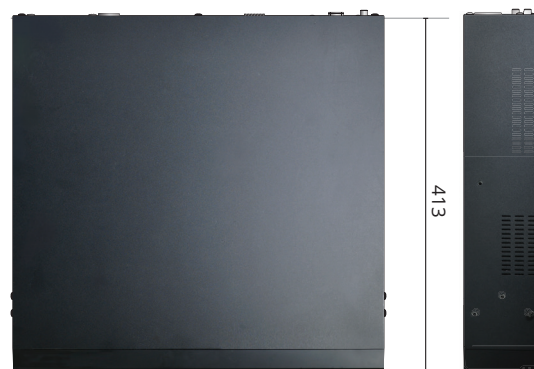


### SPECIFICATIONS

VIDEO	
Video Inputs	16 BNC (Multistandard Analog)
Supported Camera Types	5MP20, 5MP12, 4MP30, 4MP15, 3MP30, 3MP18, 1080P30, 1080P25, 720P30, 720P25, CVBS(NTSC/PAL)
Video Outputs	1 HDMI, 1 VGA, 1 BNC(Spot)
Display Resolution	HDMI : 3840 x 2160, 1920 x 1080, 1440 x 900, 1280 x 1024 VGA : 1920 x 1080, 1440 x 900, 1280 x 1024
Display Speed	Up to 480ips
Digital Zoom	x2 ~ x7
RECORDING	
Recording Resolution	5MP, 4MP, 3MP, 1920x1080, 1280x720, 960x480, 720x480, 960x240, 720x240 480x240, 360x240
Frame Rate	480ips @ 1080p
Compression	H.265, H.264, Intelligent Codec
Recording Mode	Time-Lapse, Event, Pre-Event, Panic
Trigger Events	Alarm in, Motion detection, Video loss, Text-in
PLAYBACK	
Performance	16ch 1080p synchronous playback
Search Mode	Time-lapse, Event log, Text-in
Digital Zoom	x2 ~ x7
STORAGE	
HDD	SATA x4, eSATA x1, RAID 1 supported
Total Capacity	40TB=6TB x4(Internal) + 4TB x 1x4(External)
Data Export Device	USB HDD, USB Stick
NETWORK	
Client Connection	Gigabit Ethernet x1
Transmission Speed	30ips@Full HD per channel, same as recording stream
Remote Data Export	IDIS Player, AVI, JPG, BMP
Event Notification	Email (attach clip cbf, mp4), Callback to Remote S/W, Push notification (IDIS Mobile)
Two-way Audio	Yes
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite
INTERFACE	
Audio In / Out	4 RCA / 1 RCA + 1 HDMI
Alarm In / Out	16 In / 4 Relay Out
Alarm Reset In	1
Serial Interface	RS232, RS485 (Terminal Block), USB 2.0, USB 3.0
User Interface	Mouse, IR Remote Control, Front Button, Network Remote Keyboard
GENERAL	
Operating System	Embedded Linux
Unit Dimensions (W x H x D)	430mm x 88mm x 413 mm (16.9" x 3.5" x 16.3")
Unit Weight	5.7kg (12.5 lbs)(with 2 HDD)
Operating Temperature	0°C ~ 40°C (32 °F ~ 104 °F)
Operating Humidity	0% ~ 90%
Power Input	100-240V~, 50/60Hz, ≤ 2.0A
Power Consumption	100-240V~, 50/60Hz, 0.77-0.31A, 75W
Approvals	FCC, CE, KC, CB, UL, PSE

### DIMENSIONS

(Unit - mm)



- |                          |                 |
|--------------------------|-----------------|
| ① Video In Ports         | ⑥ HDMI Port     |
| ② Alarm Connection Ports | ⑦ Audio In      |
| ③ RS485 Port             | ⑧ Audio Out     |
| ④ RS232 Port             | ⑨ SPOT          |
| ⑤ eSATA Port             | ⑩ Power In Port |
|                          | ⑪ VGA Port      |
|                          | ⑫ Network Port  |
|                          | ⑬ USB           |