

# HD-TVI 16 Channel Full HD Recorder

## TR-3116

- Supports HD-TVI / 960H / Analog camera
- Up to 480ips HD recording
- Full HD Display with HDMI and VGA output
- Supports CVBS Spot Monitor
- Long transmission distance over coax cable
- Supports HD-TVI camera OSD control over Coax
- Expandable up to 48TB using 4 SATA interfaces and 1 eSATA storage interface
- Supports one click network configuration through FEN service

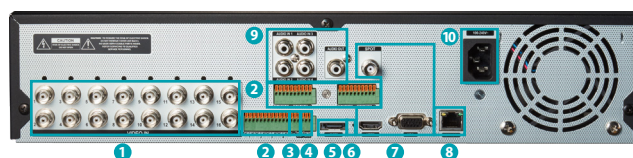
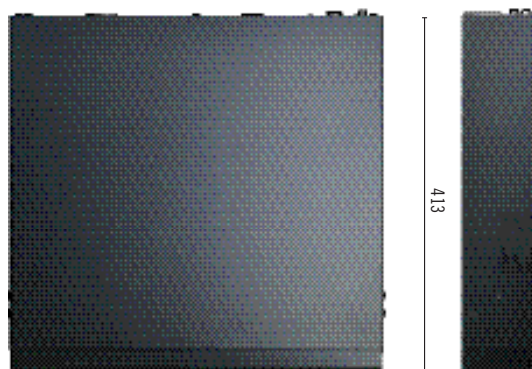


### SPECIFICATIONS

VIDEO	
Video Inputs	16 BNC (Analog and HD-TVI)
Supported Camera Types	720p25, 720p30, 1080p25, 1080p30, CVBS (NTSC / PAL)
Video Outputs	1 HDMI, 1 VGA, 1 BNC (Spot)
Display Resolution	HDMI / VGA : 1920 x 1080, 1440 x 900, 1280 x 1024 Composite : 720 x 480 (NTSC), 720 x 576 (PAL)
Display Speed	Up to 480ips
Digital Zoom	x2 ~ x12
RECORDING	
Recording Resolution	1920 x 1080, 1280 x 720, 960 x 480, 720 x 480, 960 x 240, 720 x 240, 480 x 240, 360 x 240
Frame Rate	480ips @ 720p, 240ips @ 1080p
Compression	H.264
Recording Mode	Time-lapse, Event, Pre-event, Panic
Trigger Events	Alarm In, Motion Detection, Video Loss, Text-in
PLAYBACK	
Performance	4ch 720p Synchronous Playback
Search Mode	Time-lapse, Event Log, Motion, Text-in
Digital Zoom	x2 ~ x12
STORAGE	
HDD	SATA x 4, eSATA x1, (Up to 6TB Capacity for Each Disk)
Total Capacity	48TB = 6TB x (4 + (1 x 4))
Data Export Device	USB HDD, USB Stick
NETWORK	
Client Connection	Gigabit Ethernet x 1
Transmission Speed	30ips @ D1 (NTSC / PAL)
Remote Data Export	IDIS Player, AVI, JPG
Event Notification	Email (Attach Clip (.cbf)), Callback to Remote S/W, Push Notification (IDIS Mobile), SNS (Twitter), NetFS (FTP)
Two-way Audio	Yes
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web
INTERFACE	
Audio In / Out	4 RCA / 1 RCA + 1 HDMI
Alarm In / Out	16 In / 2 Relay Out
Alarm Reset In	1
Serial Interface	RS232, RS485 (Terminal Block), USB 2.0 x 2
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 413mm (16.9" x 3.5" x 16.3")
Unit Weight	6.0kg (13.2lb) (With 1 HDD)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Operating Humidity	0% ~ 90%
Power Input	AC 100-240 V, 50/60Hz, ≤ 2.0A
Power Consumption	100-240V~, 50/60Hz, 1.6-0.8A, 80W
Approvals	FCC, CE, CB, UL, PSE

### DIMENSIONS

(Unit - mm)



- |                          |                              |
|--------------------------|------------------------------|
| 1 Video Input            | 7 SPOT / HDMI / VGA Out Port |
| 2 Alarm Connection Ports | 8 Network Port               |
| 3 RS-485 Port            | 9 Audio In / Out             |
| 4 RS-232 Port            | 10 Power In Port             |
| 5 eSATA Port             |                              |
| 6 Factory Reset Button   |                              |