

TRIDVR-EL16M4

16 Channel 1U Tribrid HD-CVI, IP, CCTV DVR to 4MP

- HD-CVI, IP, Analog capable
- Max 24 channel IP camera input
- Max 96Mbps Incoming Bandwidth
- HDMI output up to 4K(3840x2160) resolution



Recording Speed: 4MP(1-15fps) 1080P/720P/960H/D1 (1~30fps) / 96Mbps

Resolution: 3840x2160,1920x1080, 1280x1024, 1280x720, 1024x768

Drive Capacity: 2 SATA

Video Inputs: 16

Ethernet Ports: 1

Video Outputs: VGA / HDMI

Audio Inputs: 1

Audio Outputs: 1

Alarm Inputs: N/A

Alarm Outputs: N/A

Internal DVD Burner Support: No

Smart Phone Access/Push Notification Yes

Motion Activated Recording: Yes

PTZ Control: Yes

Simultaneous Remote Users: 128

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Technical Specification	
System	
Main Processor	Embedded Processor
Operating System	Embedded LINUX
Display	
Interface	1 HDMI(up to 3840x2160),1 VGA
Resolution	3840x2160,1920x1080, 1280x1024, 1280x720, 1024x768
Multi-screen Display	16CH: 1/4/8/9/16/25
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Video Detection and Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Camera Blank
Alarm input	N/A
Relay Output	N/A
Tracking Trigger Event	N/A
Playback and Backup	
Playback	16CH: 1/4/9/16
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network
Storage	
Internal HDD	2 SATA Ports, up to 6TB capacity for each disk
HDD Mode	Single
eSATA	N/A
Auxiliary Interface	
Front Cover	N/A
USB	2 USB Ports (1 USB 2.0 , 1 USB 3.0)
RS232	N/A
RS485	1 Port, for PTZ Control
Third-party Support	
Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotek, Vivotek, and more

Audio and Video	
HDCVI Camera Input	16 Channel
IP Camera Input	16+8 Channel, each channel up to 5MP 1/1
Audio In/Out	1 Channel Input, 1 Channel Output, RCA
Two-way Talk	
Recording	
Compression	H.264+/H.264
Resolution	4MP,1080P, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
Record Rate	Main stream: 4MP(1~15fps) 1080P/720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps) Sub steram:D1/CIF/QCIF(1~25/30fps)
Bit Rate	32Kbps ~ 6144Kbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
Network	
Interface	1 RJ-45 Port (1000M)
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP, Alarm Server, IP Search (Support Dahua IP camera, DVR, NVS, etc.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4.1, CGI Conformant
Electrical	
Power Supply	16CH: DC12V/5A
Power Consumption	<15W (Without HDD)
Environmental	
Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	0°C ~ +50°C (+32°F ~ +122°F), 0 ~ 90% RH
Construction	
Dimensions	1U, 375mm×285mm×55mm (14.8" x 11.2" x 2.2")
Net Weight	2.35kg (5.2 lb) (without HDD)
Gross Weight	3.2kg (7.05 lb)
Installation	Desktop installation
Certifications	
Certifications	FCC: Coming soon
	UL: Coming soon