



TDVR3HD16

3MP RESOLUTION 16 CHANNEL HD-TVI/HD-CVI/AHD/ANALOG
+ 2 CHANNEL 8MP IP DVR W/ UP TO 40TB STORAGE



FEATURES

- 16 Channel
- 240FPS @ 3MP Resolution
- H.264+/H.264 dual-stream video compression
- Support 4 SATA HDD up to 40 TB Total, 2 USB 2.0, 1 USB 3.0
- HDMI/VGA Simultaneous Video Output
- iPhone/iPad/Android/Windows Phone Compatible

Rainvision is a leading brand of HD and IP network video surveillance cameras and recording equipment. By utilizing the latest technology in the industry, Rainvision video surveillance cameras provide all of the crisp, clear image quality in any security application or environment. With incorporating the latest ONVIF Profile S standards, Rainvision allows for easy integration and interoperability.

SPECIFICATIONS

VIDEO/AUDIO INPUT		GENERAL	
Video compression	H.264+/H.264	Power supply	100 to 240 VAC
Analog video input	16-ch BNC interface (1.0Vp-p, 75 Ω), supporting coaxitron connection	Consumption (without HDD)	≤ 65 W
HDTV input	3MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60	Working temperature	14°F to 131°F
AHD input	720p25, 720p30, 1080p25, 1080p30	Chassis Type	19" rack-mountable 1.5U chassis
HDCVI input	720p25, 720p30, 1080p25, 1080p30	Dimensions (W x D x H)	17.5 x 15.4 x 2.8 inch
CVBS input	Support	Weight (without HDD)	11 lbs
IP video input	2-ch (up to 18-ch), Up to 8MP resolution, H.265/H.264+/H.264	Warranty	3 Years
Network bandwidth	260Mbps	Package Contents	TDVR3HD16, IR Remote, USB Mouse, Power Cord, Rack Mount Ears, E-Sata Cable, Installation Manual & CD
Audio compression	G.711u		
Audio input	4-ch, RCA (2.0 Vp-p, 1 K Ω)		
VIDEO/AUDIO OUTPUT			
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 x 576, NTSC: 704 x 480		
HDMI1/VGA output	1-ch, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz		
HDMI2 output	1-ch, 4K (3840 x 2160)/30Hz, 2K (2560 x 1440)/60Hz, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz		
Encoding resolution	3MP/1080p/720p/WD1/4CIF/VGA/CIF		
Frame rate	Main stream: 15fps @ 3MP; 30fps @ 1080p / 720p / WD1 / 4CIF / VGA 25fps (P) / 30fps (N) @ CIF, Sub-stream: 12fps @ WD1/4CIF; 25fps (P) / 30fps (N) @ CIF / QVGA / QCIF		
Video bit rate	32 Kbps to 10 Mbps		
Audio output	2-ch, RCA (Linear, 1 K Ω)		
Audio bit rate	64 Kbps		
Dualstream	Support		
Stream type	Video, Video & Audio		
Synchronous playback	16 channel		
NETWORK MANAGEMENT			
Remote connections	128		
Network protocols	TCP/IP, PPPoE, DHCP, RV Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, SNMP		
HARD DISK			
SATA	4 SATA interfaces		
eSATA	Support		
Capacity	Up to 10TB capacity for each disk		
DISK ARRAY			
Array type	RAID0, RAID1, RAID5, RAID6, RAID10		
EXTERNAL INTERFACE			
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 K Ω) (independent)		
Network interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface		
USB interface	Front panel: 2 x USB 2.0, Rear panel: 1 x USB 3.0		
Serial interface	RS-232, RS-485 (full-duplex), Keyboard		
Alarm in/out	16/4		

