



TDVRH32

1080p RESOLUTION 32 CHANNEL HD-TVI & ANALOG + 8 CHANNEL IP DVR W/ UP TO 32TB STORAGE



FEATURES

- 32 Channels
- 384FPS @ 1080p Resolution
- H.264 Dual-stream Video Compression
- Supports 4 SATA HDD Up to 32TB Total, 2 USB 2.0
- HDMI / VGA Simultaneous Video Output
- iPhone / iPad / Android / Windows Phone Compatible

Rainvision is a leading brand of 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

INTELLIGENT VIDEO INPUTS		NETWORK	
Analog TVI/CVBS Inputs	32	Interface	1 Gb/s 1000 Base-T Ethernet RJ-45
HD Video Resolutions	HD-TVI 25/30FPS @ 1080p, 50/60FPS @ 720p, 25/30FPS @ 720p	Addressing	Static IP, DHCP, xDSL Support
Analog CVBS Video Input	Up to 960 x 480, 720 x 480 (NTSC); 960 x 576, 720 x 576 (PAL)	NTP/DST	Choice of Time Zone, NTP Server, DST Start / End / Offset
IP Video Input	8 Channels (Up to 32 Channels), Up to 2 MP resolution, H.264	Protocols Supported	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SMTP, SNMP, NFS, iSCSI, UPnP
Network Bandwidth	200 Mbps	NAT	uPnP Router NAT / Port Mapping Forwards Ports Automatically
Adaptive Ports	Input Format Auto Detection, TVI/CVBS Can Be Mixed in Any Combination, At Any Time	Users	*Router Must Support / Permit uPnP Function
Interface	BNC Connector; 1V p-p, 75Ω	DDNS	Up to 128 Simultaneous Connected Users
Privacy masking	4 Areas Programmable in OSD Menu	SECURITY	Simple DDNS Free Service Tracks WAN IP Address and HTTP Port
VIDEO OUTPUT		User IDs	Admin, Plus Multiple Configurable Login IDs
Main HDMI & VGA	Full HD 60Hz 1920 x 1080; SXGA: 60Hz 1280 x 1024 720p: 60Hz 1280 x 720; XGA: 60Hz 1024 x 768	User Levels	All Rights For Admin; Per Camera Per User Rights Assignment For Operator and User Levels
RECORDING		User Privilege Control	Local and Remote Access to Live Views, Audio, Recording, Playback, Menus, PTZ, Alarms, Copy, Logs, Upgrade, Reboot
Video Compression	Dual Stream: H.264 for Main Stream and Sub-stream	STORAGE & CLIP COPY	
Video Bitrate	32 Kb/s ~ 6Mb/s Each Channel	HDD Storage	4 SATA HDD up to 8TB Each
Encoding	Main Stream: 1080p; 720p; WD1; 4CIF; VGA; CIF Sub Stream: WD1; 4CIF; CIF; QVGA; QCIF	eSATA	One, On Rear Panel
Frame Rate	Main Stream: 1/16 FPS ~ Real Time Frame Rate Sub Stream: 1/16 FPS ~ Real Time Frame Rate	NAS/SAN	Up to 8 Network Disks (8 NAS Disks, or 7 NAS Disks +1 IP SAN Disk)
Quality Mode	6 Levels: Lowest / Lower / Low / Medium / Higher / Highest	Copy Type	Multi-Channel or Single Channel File
Motion Detection	Continuous; Motion; Alarm; Motion or Alarm, Motion + Alarm	Copy Device	USB 2.0 Drive (2 ports)
Schedule Period	Configurable per Camera for Area(s) Sensitivity and Arming Schedule Programmable by Day of Week and Hour of Day	S.M.A.R.T.	Temperature, Duration, Error Rates, Bad Sector Detection, and More
Pre- and Post- Event Recording	Per Day in 1 Hour Blocks; or 8 Time Periods Per Day, Each with Different Record Mode; Plus Holidays	SERIAL & I/O	
PLAYBACK		USB 2.0 Ports	Two Front, One Rear for Mouse and Data I/O
Synchronous Playback	32 Channels	Serial Port	1 RS-232C (Future Use)
Playback Resolution	1080p, 720p, WD1, 4CIF, VGA, CIF, QVGA, QCIF	RS-485	One Selectable Speed and Bit Pattern; Multiple Protocols
Search Type	Time/Date; Motion or Log Event; Manual Tags; Smart Search for Motion Events from Recorded Video	Inputs	16 Alarm Inputs
Capacity	Up to Record Rate	Outputs	4 Alarm Outputs
Playback Controls	Play; Pause; Forward/Reverse; Speed Control for Single 1.8 ~ 16X; Slide Bar with Overview of Record Type and Snapshot Display From Slider Position	Keyboard	Input for External Control Keyboard
Digital Zoom During Playback	Supported on Local Displays and CMS	Up the Cable Control	Multiple Protocols Can Be Sent Out of Any BNC Port to Compatible Cameras
EVENT & ALARM		USER CONTROLS	
Event Source	MD (Motion Detection), Video Loss, Video Tampering / Exceptions	Local Controls	Front Panel Camera, Function and Navigation Buttons; IR Remote; Mouse
Event Action Schedule	Per Day in 1 Hour Blocks; or 8 Time Periods Per Day, Each with Different Record Mode; Plus Holidays	SOFTWARE	
Event Action	Buzzer, E-mail, Alarm Full Screen Pop-up, Notify CMS Client	Web Viewer	Live View, Playback and Configuration via IE, Chrome, Firefox, Safari with Free Plug-in / Extension Installed
MD Area	User Selectable Grid Pattern 22 x 15 Areas with Adjustable Per Camera Sensitivity	User Rights Control	Per User-per Camera for Multiple Functions
SYSTEM ALARM		Mobile Viewer	iOS and Android Supported; Live 1 & 4 Camera Views; Single Camera Playback; Snapshots From Live or Play; Copy Clips / Record to Smartphone; Audio Support; PTZ Control. HD Version of App, Optimized for Tablets, Displays Up to 16 Live View Cameras
Alarm Source	HDD Error, HDD Full, LAN Fail, Address Conflict, Illegal Login, Video Signal Exception, Record, Capture Exception	CMS	Free PC and MAC Clients Support Multiple Device Viewing, Playback (with Digital Zoom) and Configuration; User Rights per Camera; E-map Support; Live View Up to 64 Cameras in 4:3 and 48 Cameras in 16:9; Up to 16 Cameras in Playback
Alarm Action	Buzzer, E-mail, Notify CMS Client (Network Permitting)	Event Logging	Multiple Types: Alarm, Exception, Operation, Information; Dozens of Sub-types within Each Major Type
AUDIO		Firmware Upgrade	From USB or Remotely
Two-way audio	Audio Input Pass through to Remote Web or CMS Client; Remote Audio From Web or CMS Client Pass Through to Audio Output	Backup/Restore	From USB or Remotely
Input / Output	4 Inputs for Record, 1 Input For Two Way Audio; RCA, 2V p-p, 1KΩ, 2 Outputs; RCA, 2V p-p, 1KΩ	GENERAL	
Compression	Up to 64 Kbps, G.711u	Dimension	17.5" W x 15.3" H x 2.7" D
		Weight without HDDS	11 lb.
		Operating Temp	14°F~131°F
		Operating Humidity	10% ~ 90%
		Voltage	100~240 VAC 47~63Hz
		Power	Up to 65W
		Certifications	FCC, CE, RoHS
		Package Contents	TDVRH32, IR Remote, USB Mouse, Power Cord, Rack Mount Ears, E-Sata Cable, Installation Manual & CD

