



UDVRL16

1080p RESOLUTION 16 CHANNEL HD-TVI/HD-CVI/AHD/ANALOG
+ 2 CHANNEL 4MP IP DVR W/ UP TO 16TB STORAGE



FEATURES

- 16 Channel H.265+/H.265/H.264+/H.264
- 240FPS @ 1080p
- 2 Channels 30FPS @ 3MP HD-TVI
- Up to 16TB Storage
- iPhone/Android Compatible
- Internet Explorer/Chrome/Firefox/Safari

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	
Video Compression	H.265+/H.265/H.264+/H.264
Video Inputs	16 Channel BNC interface (1.0Vp-p, 75) supporting coaxitron connection
HD-TVI Input	4 Channels at 3 MP, 8 Channels 15FPS @ 1080p, NTSC: 30FPS @ 720p, PAL: 25FPS @ 720p
AHD Input	15FPS @ 1080p, NTSC: 30FPS @ 720p, PAL: 25FPS @ 720p
HD-CVI Input	15FPS @ 1080p, NTSC: 30FPS @ 720p, PAL: 25FPS @ 720p
CVBS Input	NTSC / PAL
IP Video Input	2 Channel Up to 4MP resolution, Supports H.265+ / H.265 / H.264+ / H.264 IP cameras
Audio Compression	G.711u
Audio Input	1 Channel, RCA (2.0 Vp-p, 1 KΩ)
VIDEO/AUDIO OUTPUT	
CVBS Output	1 channel, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
HDMI/VGA Output	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Encoding Resolution	When 1080p Lite mode not enabled: 3 MP / 1080p / 720p / VGA / WD1 / 4CIF / CiF; When 1080p Lite mode enabled: 3 MP / 1080p lite / 720p lite / VGA / WD1 / 4CIF / CiF
Frame Rate	Main stream: When 1080p Lite mode not enabled: For 3 MP stream access: 15FPS @ 3 MP / 1080p / 720p / VGA / WD1 / 4CIF / CiF For 1080p stream access: 15FPS @ 1080p / 720p; 25FPS PAL 30FPS NTSC @ VGA / WD1 / 4CIF / CiF For 720p stream access: 25FPS PAL 30FPS NTSC @ 720p / VGA / WD1 / 4CIF / CiF When 1080p Lite mode enabled: 15FPS @ 3MP 25FPS PAL 30FPS NTSC @ 1080p lite / 720p lite / VGA / WD1 / 4CIF / CiF, Sub-stream: 12FPS @ WD1 / 4CIF; 25FPS PAL 30FPS NTSC @ CiF
Video Bit Rate	32 Kbps to 6 Mbps
Audio Output	1 Channel, RCA (Linear, 1 KΩ)
Audio Bit Rate	64 Kbps
Dual-stream	Support
Stream Type	Video, Video & Audio
Synchronous Playback	16 Channel
NETWORK MANAGEMENT	
Remote connections	128
Network protocols	TCP/IP, PPPoE, DHCP, Guarding Vision, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF
HARD DISK	
SATA	2 SATA interface
Capacity	Up to 8TB capacity each disk
EXTERNAL INTERFACE	
Two-way Audio Input	1 Channel, RCA (2.0 Vp-p, 1 KΩ) (using the 1st audio input)
Network Interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
USB Interface	Front panel: 1 × USB 2.0, Rear panel: 1 × USB 3.0
Serial Interface	RS-485 (half-duplex)

GENERAL	
Power supply	12 VDC
Consumption (without HDD)	≤ 25 W
Working temperature	+14 °F to +131 °F
Working humidity	10% to 90%
Chassis Type	19" rack-mountable 1U chassis
Dimensions (W × D × H)	15.0 × 12.6 × 1.9 inch
Weight (without HDD)	4.4 lbs
Package Contents	UDVRL16, IR Remote, USB Mouse, Power Adapter, Installation Manual & CD





RainVision

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