RainVision

UDVR6L16

8MP RESOLUTION 16 CHANNEL HD-TVI/HD-CVI/AHD/ANALOG + 8 CHANNEL 8MP IP DVR W/ UP TO 24TB STORAGE

FEATURES

- Records 16 Channel HD-TVI/HD-CVI/AHD/Analog Up to 128FPS @ 8MP
- Records 8 Channel IP, Up to 24 Channels or
  with Enhanced IP Mode On: 16 Channels, Up to 32 Channels
- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
- Deep Learning-based Motion Detection 2.0 for All Analog Channels
- Deep Learning-based Perimeter Protection
- Up to 24TB Storage
- iPhone/Android Compatible
- Chrome/Edge/Firefox/Safari
- HDMI/VGA

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

MOTION DETECTION 2.0

Human/Vehicle Analysis	Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it can classify humans and vehicles, and reduce false alarms caused by objects such as leaves and light; Quick search by object or event type is supported

PERIMETER PROTECTION

Human/Vehicle Analysis	Up to 4 Channels

VIDEO/AUDIO INPUT

Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Video Inputs	16 Channel BNC Interface (1.0Vp-p, 75) Connection
HD-TVI Input	15FPS @ 8MP, 20FPS @ 5MP, 3K, 30FPS @ 4MP, 25FPS @ 4MP, 18FPS @ 3MP, 30FPS @ 1080p, 25FPS @ 1080p, 60FPS @ 720p, 50FPS @ 720p, 30FPS @ 720p, 25FPS @ 720p
HD-CVI Input	20FPS @ 5MP, 30FPS @ 4MP, 25FPS @ 4MP, 30FPS @ 1080p, 25FPS @ 1080p, 30FPS @ 720p, 25FPS @ 720p
AHD Input	20FPS @ 5MP, 30FPS @ 4MP, 25FPS @ 4MP, 30FPS @ 1080p, 25FPS @ 1080p, 30FPS @ 720p, 25FPS @ 720p
CVBS Input	NTSC/PAL
IP Video Input	8 Channels (up to 24 Ch), Enhanced IP mode on: 16 Channels (up to 32 Ch), Each Channel up to 4Mbps, up to 8MP 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), 16 Channels via Coaxial Cable

VIDEO/AUDIO OUTPUT

CVBS Output	1 Channel, BNC (1.0 Vp-p, 75 Ω), Resolution: NTSC: 704 x 480, PAL: 704 x 576,
HDMI/VGA Output	VGA: 1 Channel, 60Hz: 1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768, HDMI: 1 Channel, 30Hz: 4K (3840 x 2160), 60Hz: 2K (2560 x 1440), 1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768
Encoding Resolution	8MP / 5MP / 3K / 4MP / 3MP / 1080p / 720p / WD1 / 4CIF / VGA / CIF
Frame Rate	Main stream: 8FPS @ 8MP, 12FPS @ 5MP, 12FPS @ 3K, 15FPS @ 4MP, 18FPS @ 3MP, 30FPS NTSC / 25FPS PAL @ 1080p/720p/WD1/4CIF/VGA/CIF, Sub-stream: 30FPS NTSC / 25FPS PAL @ WD1/4CIF/CIF
Video Bit Rate	32 Kbps to 10 Mbps
Audio Output	1 Channel, RCA (Linear, 1 KΩ)
Audio Bit Rate	64 Kbps
Dual-stream	Supported
Stream Type	Video, Video & Audio
Synchronous Playback	16 Channels

NETWORK MANAGEMENT

Remote connections	128
Network protocols	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF
Wi-Fi	Connectable to Wi-Fi Network by Wi-Fi Dongle through USB Interface

HARD DISK

SATA	2 SATA Interfaces
Capacity	Up to 12TB Capacity for 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 x USB 2.0, Rear Panel: 1 x USB 3.0
Serial Interface	RS-485 (Half-duplex)
Alarm In/Out	N/A

GENERAL

Power Requirement	12 VDC
Consumption (without HDD)	≤ 19 W
Working temperature	+14 ºF to +131 ºF
Working humidity	10% to 90%
Chassis Type	19" Rack-mountable 1U Chassis
Dimensions (W × D × H)	15.0 x 12.6 x 1.9 inch
Weight (without HDD)	4.6 lbs
Warranty	3 Years
Package Contents	UDVR6L8, IR Remote, Rackmount Ears, USB Mouse, Power Adapter, Quick Start Guide