vista

DATASHEET

VIPER-H5-49R

49 CHANNEL RACK MOUNT SERVER CHASSIS

VIPER

KEY FEATURES

49 Channel rack mount server chassis

Up to 4K recording resolution at real time

8 Hard drive bays – up to 80TB

"WARP" function for multi-device control

SMART and Thumbnail search functions

RAID - Supports 0, 1, 5. 1+0

The Powerful VIPER-H5-49R NVR is aimed at high-end larger systems. Capable of recording 49 H265 4K cameras in real time. This combined with its advanced search functions makes it an ideal choice for larger systems

The NVRs are housed in 2U high server type rack mount, allowing them to be installed in standard 19" rack mount cabinets. This chassis is designed to have up to 8 hot swappable hard drives, making it is possible to have up to 80Tb of onboard storage. The 8 Hard drives can be set to use RAID recording, formats supported include Raid 0, 1, 5 and 10.
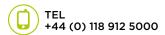
The NVR has 2 HDMI connections, the main output supports 4K resolution, while the secondary output supports Full HD. If more monitors outputs are required for larger systems, then using Vista innovative PoE powered Monitors with in-built decoders, makes it possible to display cameras at any point on the network.

Multiple Vipers can be viewed and controlled using Vista's Viper Central software, which can display up to 256 cameras across 4 live monitors displays.

The Vipers unique "WARP" function enables the operator to connect to any other Viper on the network, and display cameras from that remote Viper on the monitor output on the local NVR. This allows the operator to view and control cameras in both live and playback as well as get into the set-up menus of the NVR for remote configuration. Ideal if the NVRS are spread across a large site.

The H5 is optimised for use with the VK2 range of cameras but can also be used with other manufacturers ONVIF compliant IP cameras.

To learn more about this product range please visit **vista-cctv.com**.

TEL
+44 (0) 118 912 5000

THIS PRODUCT QUALIFIES FOR

vista
3 YEAR
ADVANCE
REPLACEMENT

* To scan the QR code, make sure your phone/device has a suitable reader. Most modern Android and iOS smartphone cameras will automatically scan the code and provide the product's URL link, which will open from the device's web browser.

TECHNICAL SPECIFICATION

Model	VIPER-H5-49R-xxx
VIDEO	
Video input	49 IP cameras
Input resolution	Up to 4K (8MP)
Compression	H265 / H264
Display Output	2 HDMI (Main 4K, Sub 1080P)
Display Speed	1600 Fps
Display mode	1/4/9/16/25/30/36/49 Split, Sequence, PIP
RECORDING	
Recording speed	1600 FPS @ 8MP
Max recording throughput	320Mbps
Recording mode	Continuous, Motion, Alarm, C+M, C+A, M+A, C+M+A, Panic
Pre-Alarm	1 – 3 Secs
Post Alarm	5 Sec – 1 hour
PLAYBACK	
Simultaneous Playback	1/4/9/16/25/30/36/64 Split
Playback mode	Rewind and forward play 1-64X speed
Search Mode	Time, Event, Thumbnail, Smart (Motion), Text, VCA
STORAGE	
Internal hard disks	8 SATA Interface (8 HDD)
RAID	0, 1, 5, 10
Back up	USB or Network
Backup file format	H4V or MP4
NETWORK	
Ethernet	2 RJ45 10/100/1000 Base-T
Max output Throughput	576 Mbps
Remote monitoring	Viper Central, Viper Remote, Dashboard
EXTERNAL IN/OUT	
Audio in	1 RCA, 64 IP cameras
Audio out	1 RCA, 1 HDMI
Alarm input	4 input terminal block, 49 IP cameras
Alarm output	2 output terminals
Serial output	2 RS485 terminal for PTZ and Keyboard
USB	2 USB2.0, 1 USB3.0
ENVIRONMENTAL	
Operating Humidity	0-90% RH (Non-condensing)
Operating Temperature	0 to +450C
Power Supply	100-240VAC, Dual Power
Power Consumption	75W (Include 8 HDD)
Dimensions	430.6(W) x 88.8(H) x 555(D)mm
Net Weight	11.2kg (Exclude HDD)
Certification	CE, RoHS

MODELS IN THIS RANGE

0683100   VIPER-H5-49R-000
49 channel NVR, 2U rackmount 8bay chassis only - no HDD

0532710   VIPER-H5-49R-8TB
49 Channel NVR 2U rackmount 8bay with 8TB HDD

0532720   VIPER-H5-49R-16TB
49 Channel NVR 2U rackmount 8bay with 16TB HDD

0683110   VIPER-H5-49R-24TB
49 Channel NVR 2U rackmount 8bay with 24TB HDD

0532740   VIPER-H5-49R-32TB
49 Channel NVR 2U rackmount 8bay with 32TB HDD

0532760   VIPER-H5-49R-48TB
49 Channel NVR 2U rackmount 8bay with 48TB HDD

0532770   VIPER-H5-49R-56TB
49 Channel NVR 2U rackmount 8bay with 56TB HDD

0532780   VIPER-H5-49R-64TB
49 Channel NVR 2U rackmount 8bay with 64TB HDD

0532790   VIPER-H5-49R-80TB
49 Channel NVR 2U rackmount 8bay with 80TB HDD

TEL
+44 (0) 118 912 5000

THIS PRODUCT QUALIFIES FOR
vista
3 YEAR
ADVANCE
REPLACEMENT

CE