

## VIPER-H5 NVR RANGE

32 CHANNEL NVRS WITH 8MP RESOLUTION



The powerful Viper H5 NVRs can record real-time super 8MP resolution video. The 32 channel NVR has 16 channels of PoE to allow simple installation and powering of cameras, using a single cat5e cable.

The H5 NVRs can record both the standard H.264 and newer, more efficient H.265 camera streams. H.265 has the advantage, over H.264, of allowing the same time period and frame rate to be recorded on a smaller size of drive, or higher resolution images to be recorded at the same rate and using the same drive space as the lower resolution H.264 streams.

The H5 NVRs are housed in 2U high rack mountable chassis, allowing them to be installed in standard 19" rackmount cabinets.

As part of the Vista Viper range, the H5 NVRs can be linked into a single system by using the Viper VMC (Virtual Matrix Controller). The VMC is connected via an IP Network to multiple Viper devices (NVRs and hybrid DVRs), using its "WARP" function. The VMC can then display and control the cameras from each device on the network.

This allows the system designer to upgrade to higher resolution recording by utilising legacy coax cabling with TVI format analogue cameras, plus add in IP cameras onto the same system. To the system operator it appears as a single, simple to use, coherent system.

Each H5 NVR can have 4 hard drives installed internally, allowing for up to 32TB of storage. If this is not enough then additional storage can be added via the iSCSI connection. This massive storage can be easily interrogated using various filters including SMART and Thumbnail searches.

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

### KEY FEATURES:

**H.264 and H.265 recording capability**

**Up to 8MP recording resolution @ real-time**

**"WARP" function for multi-device control**

**SMART and Thumbnail search functions**

**2U high rack mountable, up to 32TB internal storage**

**De-warping of 360° Fisheye cameras (that use Immervision SDK and lens)**

## TECHNICAL SPECIFICATION

Model	VIPER H5 (H265)
<b>CHANNELS</b>	<b>32 Channel</b>
IP camera input	32
Display output	HDMI/VGA
Display Resolutions	1024x768, 1280x1024, 1280x720, 1920x1080
Compression	H.264/H.265
Audio in	1 (RCA), 32 (IP Camera)
Audio out	1 RCA Line-out/HD Output
Record rate	960fps @ 8MP, 5MP, 3MP, 1080P, 720P, D1
Display rate	5M Realtime - 1, 4 Split D1 Realtime - 6, 8, 9, 13, 16, 25, 32 Split
Playback speed	120fps @ 8M (4K) 240fps @ 5M 360fps @ 3M 480fps @ 1080P 960fps @ 720P 1920fps @ D1
Search options	Time, Event, Thumbnail, Smart, Text and VCA
Network Throughput	256Mbps
Onboard storage	4HDD
e-SATA port	1 port
USB Ports	1 x USB2, 1 x USB3
Archive options	USB and Network
Alarm inputs	16 (Terminal Block), 32 (IP Camera)
Alarm outputs	1 (Terminal Block)
Ethernet port	1 (1Gbps)
PoE Ports	16 (100Mbps), IEEE 802.3af
Serial Interface	USB to Serial/RS485(Keyboard)
PoS/ATM	Yes (with VSSI-Pro, ASCII, Network)
Rack mountable	Yes
Operating Humidity	0 ~ 90% RH (Non-condensing)
Operating Temperature	0°C ~ +45°C
Power Supply	230VAC
Power Consumption	35W (Include 4HDD, Without PoE)
Dimension (WxHxD)	435.7x88.7x356mm
Net Weight	4.5Kg (Exclude HDD)

## MODELS IN THIS RANGE

**0804030**  
**VIPER-H5-32-000**  
32 Channel chassis only

**0804090**  
**VIPER-H5-32-4TB**  
32 Channel H265 NVR 4TB

**0804100**  
**VIPER-H5-32-6TB**  
32 Channel H265 NVR 6TB

**0804110**  
**VIPER-H5-32-8TB**  
32 Channel H265 NVR 8TB

**0804120**  
**VIPER-H5-32-12TB**  
32 Channel H265 NVR 12TB

**0804130**  
**VIPER-H5-32-16TB**  
32 Channel H265 NVR 16TB

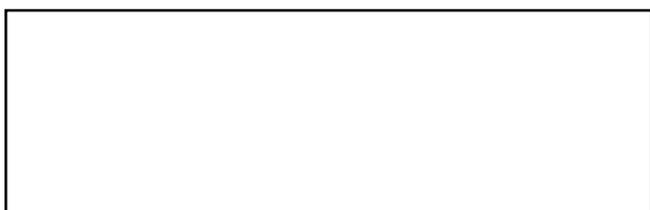
**0804140**  
**VIPER-H5-32-24TB**  
32 Channel H265 NVR 24TB

**0804150**  
**VIPER-H5-32-32TB**  
32 Channel H265 NVR 32TB

## ASSOCIATED PRODUCTS

**0813380**  
**VIPER RACK MOUNTS**  
Viper Rack Mounts

**0363570**  
**VKBD4**  
PTZ Keyboard



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DS - VIPER-H5 - Version 1

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