

VIPER-HDA HYBRID DVR RANGE

4, 8 AND 16 CHANNEL HYBRID DVRS WITH TVI, AHD AND IP



The Viper HDA hybrid DVRs offer a simple upgrade path from standard definition analogue recording to the higher definition resolutions offered by TVI and AHD video formats.

The HDA DVRs can replace existing standard resolution DVRs and they will record the CVBS formats of current cameras. By using the existing coax cabling and changing the camera to a TVI or AHD format the end user benefits from Full HD 1080P images or higher.

As well as recording HDA cameras the DVRs are true Hybrids and can use IP cameras for up to 25% of their input channels.

The Viper HDA range comes as a 1U high box that can accommodate 2 hard disk drives, allowing up to 16TB of internal storage. If additional storage is required iSCSI devices can be attached via the network connection.

The Viper HDA range includes a CVBS spot monitor output (does not support IP cameras), alarm inputs and outputs, audio recording and up the coax TVI camera control functions.

Being part of the Viper range they all operate on the same intuitive Graphical User Interface (GUI), VIPER_Central software client and VIPER_Remote apps.

By including the Virtual Matrix Controller (VMC) and using its "WARP" function, multiple HDA DVRs and Viper NVRs can be controlled from this single unit. This makes it ideal for the central control of large systems.

KEY FEATURES

TVI/AHD/CVBS - recording up to full HD resolution

Hybrid IP recording up to 3MP

Up the coax TVI camera control

"WARP" function for multi-device control

SMART and Thumbnail search functions

VKBD4 keyboard compatible

CVBS spot output for analogue cameras on 8 and 16 channel DVRs

TECHNICAL SPECIFICATION

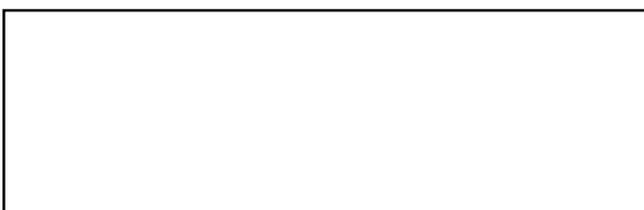
Model		VIPER-HDA-04	VIPER-HDA-08	VIPER-HDA-16
Video Input Channel		Up to 4ch (4 BNC, 1 IP configurable)	Up to 8ch (8 BNC, 2 IP configurable)	Up to 16ch (16 BNC, 4 IP configurable)
Looping inputs		No	No	No
Video Input Type		AHD, TVI, CVBS, IP	AHD, TVI, CVBS, IP	AHD, TVI, CVBS, IP
Video Input Resolution	BNC	1080p, 720p, 960H, D1 (CVBS)	1080p, 720p, 960H, D1 (CVBS)	1080p, 720p, 960H, D1 (CVBS)
	IP	Up to 3M	Up to 3M	Up to 3M
Display Output		1 VGA, 1 HD (No CVBS Spot)	1 VGA, 1 HD Output, 1 BNC (Spot, CVBS) <i>Note: Spot monitor only for analogue cameras</i>	1 VGA, 1 HD Output, 1 BNC (Spot, CVBS) <i>Note: Spot monitor only for analogue cameras</i>
Display Resolution	VGA, HD Output	1920x1080, 1280x720, 1024x768	1920x1080, 1280x720, 1024x768	1920x1080, 1280x720, 1024x768
	Spot	No Spot monitor	1.0 Vp-p (75 ohm, Composite)	1.0 Vp-p (75 ohm, Composite)
Display Speed		100/120 fps	200/240fps	400/480fps
Display Mode	VGA, HD Output	1/4 Split, Sequence	1/4/9 Split, PIP, Sequence	1/4/9/16 Split, PIP, Sequence
	Spot	No Spot	1/8 Split, Sequence	1/16 Split, Sequence
Compression		H.264	H.264	H.264
Recording Resolution	BNC	1080p, 720p, 960H	1080p, 720p, 960H	1080p, 720p, 960H
	IP	Up to 3M	Up to 3M	Up to 3M
Recording Speed		Main Stream: 100/120 fps @ 1080p Sub Stream: 100/120fps @ VGA	Main stream: 200/240fps @ 1080p Sub Stream: 200/240fps @ VGA	Main stream: 200/240fps @ 1080p Sub Stream: 200/240fps @ VGA
Simultaneous Playback		1/4 Split	1/4/9 Split	1/4/9/16 Split
Playback Mode		Backward, Forward 2x~64x	Backward, Forward 2x~64x	Backward, Forward 2x~64x
Search Mode		Time, Event, Thumbnail, Text, Smart(motion)	Time, Event, Thumbnail, Text, Smart(motion)	Time, Event, Thumbnail, Text, Smart(motion)
Internal HDD		1 SATA Interface	2 SATA Interfaces	2 SATA Interfaces
External Storage		iSCSI	iSCSI	iSCSI
Backup		USB, Network	USB, Network	USB, Network
Ethernet		1 RJ45 10/100/1000 Base-T	1 RJ45 10/100/1000 Base-T	1 RJ45 10/100/1000 Base-T
Remote Monitoring		VIPER_Central software client, VIPER_Remote iOS and Android apps	VIPER_Central software client, VIPER_Remote iOS and Android apps	VIPER_Central software client, VIPER_Remote iOS and Android apps
Audio		1 RCA input/1 RCA output, 1 HD Output	4 RCA Input/1 RCA Output, 1 HD Output	4 RCA Input/1 RCA Output, 1 HD Output
Alarm		4 Input/1 Output (Terminal block)	4 Input/1 Output (Terminal block)	4 Input/1 Output (Terminal block)
Serial Port		1 RS485 (Terminal block)	1 RS485 (Terminal block)	1 RS485 (Terminal block)
USB		2 USB (front)	2 USB (front)	2 USB (front)
Dimension (WxHxD)		260x44.5x200mm	378x47x317mm	378x47x317mm
Rackmount		Use shelf - Part code - 0749450	Use shelf - Part code - 0749450	Use shelf - Part code - 0749450

MODELS IN THIS RANGE

- 0753860**
VIPER-HDA-04-000
4 Chn HDA DVR chassis only - no HDD
- 0753870**
VIPER-HDA-04-1TB
4 Channel HDA DVR 1TB
- 0753880**
VIPER-HDA-04-2TB
4 Channel HDA DVR 2TB
- 0753890**
VIPER-HDA-04-4TB
4 Channel HDA DVR 4TB
- 0804160**
VIPER-HDA-08-000
8 Chn HDA DVR chassis only - no HDD
- 0804180**
VIPER-HDA-08-1TB
8 Channel HDA DVR 1TB
- 0804190**
VIPER-HDA-08-2TB
8 Channel HDA DVR 2TB
- 0804200**
VIPER-HDA-08-4TB
8 Channel HDA DVR 4TB
- 0804210**
VIPER-HDA-08-6TB
8 Channel HDA DVR 6TB
- 0804220**
VIPER-HDA-08-8TB
8 Channel HDA DVR 8TB
- 0804170**
VIPER-HDA-16-000
16 Chn HDA DVR chassis only - no HDD
- 0804230**
VIPER-HDA-16-1TB
16 Channel HDA DVR 1TB
- 0804240**
VIPER-HDA-16-2TB
16 Channel HDA DVR 2TB
- 0804250**
VIPER-HDA-16-4TB
16 Channel HDA DVR 4TB
- 0804260**
VIPER-HDA-16-6TB
16 Channel HDA DVR 6TB
- 0804270**
VIPER-HDA-16-8TB
16 Channel HDA DVR 8TB
- 0804280**
VIPER-HDA-16-12TB
16 Channel HDA DVR 12TB
- 0804290**
VIPER-HDA-16-16TB
16 Channel HDA DVR 16TB

ASSOCIATED PRODUCTS

- 0567480**
VIPER-1U-RM
Rack mounts for 8 and 16 chn DVRs
- 0749450**
RACK SHELF for 4 channel unit
2U Rack Shelf
- 0363570**
VKBD4
PTZ Keyboard
- 0467590**
Under Shelf bracket
1U brackets for mounting on under side of a shelf



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Subject to change without notice.

DS - VIPER-HDA - Version 2

