VIPER

NVRS FOR THE VK2 CAMERA RANGE

VIPER04-XTB 4 Channel NVR

VIPER08-XTB/VIPER16-XTB 8-16 Channel NVR

The new VIPER range of PoE NVRs has been designed to work optimally with Vista's VK2 cameras and replaces VK-RECORDER. The NVRs allow real time recording of up to 3MP resolution cameras (max resolution 5MP at 15ips). Full control and detailed set up of the cameras is available via the GUI.

When combined with the remote keyboard (VIPERKBD) the operator has simple and responsive control of PTZ domes, and accurate replay from the Jog / Shuttle replay wheel. VIPER is also compatible with the VSIPRO retail till interface which allows data from the till, not only to be displayed and recorded on the video stream, but also as meta data making it possible for smart searches on specific text (E.g. "No Sale").

The VIPER is packed with host of useful additional features to aid the operator in running an effective system, including direct attachment to a USB printer for instant printing of still images and control of the VK2 cameras video analytics to create events actions.

The NVR can be supplied with up to 12TB of internal storage. This can be easily expanded via the E-Sata port on the rear.

VIPER is ideal for use with Vista's VK2-5MP360 fisheye camera which can be recorded at up to 15 images per second. This guarantees coverage of the complete room with no blind spots. Images can be dewarped in live or playback using the VK2-Client software supplied with all VIPER NVRs.

Optimised for use with VK2 cameras, VIPER allows the installer to commission all the functionality of the VK2 range from the NVR's GUI, with absolutely no requirement for a PC. The NVR also facilitates recording video from other ONVIF compliant cameras.

Key Features:

Full 3MP real time recording
Produces excellent quality recorded images

PoE connections and auto connection to VK2 cameras
Help to make the system Plug and Play

Front end GUI control for all VK2 cameras functionality
Means the engineer does not need a laptop for system commissioning

Integration to Retail EPoS systems
Via the VSI-PRO till interfaces

Direct connection to USB or Network printers
For instant stills printing

ONVIF compatibility
Allows multiple manufacturers' cameras to be used

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TECHNICAL SPECIFICATION

Model	VIPER04	VIPER08	VIPER16
PoE camera Inputs	4 x RJ45	8 x RJ45	16 x RJ45
Embedded PoE Switch	Gigabit Ethernet IEEE802.3af		
Throughput	34Mbps	68Mbps	128Mbps
Supported Resolutions	5MP, 3MP, 1080P, 960P, 960H, D1, VGA		
Recording capability	Up to 3MP ~ 25ips, 5MP -15ips (5MP supported on chn 1-4 only)		
Supported Protocols	ONVIF V2.3 Base		
Video outputs	HDMI and VGA		
Output Resolution	Up to 1920 x 1080		
Screen split modes	Single, 4	Single, 4, 9	Single, 4, 9, 13,16
Digital Zoom	X2, x4, x6, x8		
Audio output	1 x RCA		
Frame Rate	Adjustable per camera input (Up to real time Full HD 480fps)		
Recording type	Continuous, Motion, Alarm, Schedule, Manual		
Recording protection	Video and audio recording can be protected from over writing		
Still image capture	Local capture of still images form Live or Replay		
Internal HDDs	1xHDD (Up to 6TB)	2xHDDs (Up to 12TB)	
Remote Monitoring control	Remote viewing and control via Gigabit Ethernet		
	Dynamic / Static and Zero Config Support		
	Web Browser and Client software support		
	NAT Traversal		
	Dual Streaming for live and record		
	E-map support Via VK2-Client software		
Playback screen mode	Single, 4	Single, 4, 9	Single, 4, 9, 13,16
Playback FPS	Full HD at 120fps		
Playback speeds	FF(REW): 1, x2(-2), x4(-4), x8(-8), x16(-16), x32(-32), x64(-64) And x1/2(-1/2), x1/4(-1/4), x1/8(-1/8)		
Search modes	Date/Time, Calendar, Event, Protected, Images Captured		
Alarm connections	4 inputs, 1 output	8 inputs, 1 output	
Data back up connectors	1 x USB 3.0, 1 X USB 2.0 (max 6TB)		
Back up formats	AVI and Encrypted H4V		
Video Content Analysis	Support on specific VK2 camera models		
NTP Server/Client	Supported		
System Keyboard	USB keyboard - VIPERKBD		
Printer connections	USB or Network printer		
Mobile Phone Support	Android and iOS		
Control options	Mouse, IR Remote, USB Keyboard, Client Software		
Event log	System and Event log management supported		
Pre-Alarm recording	Alarm input or motion pre-record supported		
languages	48 languages supported		
Power	DC48V, 1.2A	DC48V, 2.0A	AC 110-230V, 50-60Hz
PoE budget	30 Watts	50 Watts	144 Watts
PoE per channel	IEEE 802.3af max 13.5 Watts per channel		
Operating temperature	0-45 °C		
Operating humidity	0-90% RH		
Weight (NVR only)	1Kg (W/O HDDs)	2.5Kg (W/0 HDDs)	
Weight (inc packaging)	1.5Kg (W/O HDDs)	3.0Kg (W/O HDDs)	
Dimensions mm (NVR only)	300(W) x 47(H) x 209(D)	378(w) x 47(H) x 317(D)	
Dimensions mm (packaged)	425(W) x 100(H) x 270(D)	480(W) x 95(H) x 370(D)	
Certification	CE ROHS2: 2011/65/EU		

Models In This Range

Associated Products

0765330
VIPERKBD

No liability will be accepted by Vista for any errors or omissions in this information.
Subject to change without notice.

DS - VIPER - Version 1

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