

VISTA VL SERIES NDAA NVR

4, 8 & 16 CHANNEL



Vista's VL Series NVRs (and accompanying IP cameras) are fully NDAA compliant, the VL Series is supported by the Novatek chipset which is in line with NDAA compliance.

With ONVIF support compatibility with the full Vista range of existing VK2 IP cameras (non-NDAA) & VLI/VMI IP Cameras (NDAA) is assured making the Vista VL NVR Series ideal in both NDAA and non-NDAA scenarios where required.

The VL Series provides support for individual camera resolutions at real time (25fps) up to 8MP (VL-16NVR), 6MP (VL-4/8NVR) and the on-board 4/8/16 PoE 802.1 AF/AT class ports (respectively), deliver up to 30watts per channel. The Android\Apple mobile App and PC-based free of charge NVMS-Lite software allows users to seamlessly manage VL-Series NVRs across multiple sites, providing for a rich feature set that is easy to both use and configure.

User friendly menus - Instant Playback at 5secs, 10secs, 30secs, 1min and 5min are just 2-mouse clicks away, Push Notifications of alarm input, motion detection and any AI events such as line crossing to mobile app.

The VL Series NVR is available as chassis only or pre-configured with hard drives up to 18TB per SATA HDD.

Available separately is the USB Alarm expansion module, works via the USB port and provides up to 16 Channel alarm input & 6 Channel alarm output (VL-ALM-IO).

KEY FEATURES

NDAA Compliant

H.265 and H.264 stream recording capability

Up to 8MP recording resolution

Available in 4/8 & 16 Channels

PoE supported across all channels

Plug & Play

Supports ONVIF

Recording retention function supported

Recorded file protection supported

Supports instant channel playback 1/4/8/16



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* 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	VL-04NVR	VL-08NVR	VL-16NVR	
VIDEO				
Video Input	4 IP	8 IP	16 IP	
Video Input Resolution	8MP max single camera. Up to 6MP @ 25/30FPS real time		Up to 8MP @ 25/30FPS*	
Compression	H.265S / H.265+ / H.265 / H.264			
Display Output	1 VGA, 1 HDMI			
Display Resolution	1 HDMI: 4K x 2K / 1920 x 1080 / 1280 x 1024 / 1024 x 768 1 VGA: 1920 x 1080 / 1280 x 1024 / 1024 x 768			
Display Speed				
Display Mode	1/4 Split, Sequence	1/4/9 Split, Sequence	1/4/9/16 Split, Sequence	
RECORDING				
Dual Stream Record	Yes - high and low res			
Recording Speed Total fps@res	120fps@6MP	240fps@6MP	175fps@8MP** Or 225fps@6MP	
Max. Recording Throughput	40Mbps	80Mbps	96Mbps	
Recording Mode	Continuous, Motion, Alarm, C+M, C+A, M+A, C+M+A, POS***, AI camera event****, Panic\manual			
Pre-Alarm	3sec or 5sec			
Post-Alarm	5, 10 or 30sec or 1, 2, 5 or 10mins			
PLAYBACK				
Simultaneous Playback	1 to 4	1 to 8	1 to 16	
Playback Mode	Backward, Forward 2x-32x			
Search Mode	Manual, Sensor, AI Input, Motion, POS, Schedule Event, Time slice			
STORAGE				
Internal HDD	1 SATA HDD (18TB max)	2 SATA HDD 36TB - 18TB max per SATA		
Backup	USB memory stick or USB HDD\CD\DVD*****			
Backup File Format	AVI, MP4 and Private Player with password encryption			
FUNCTION				
Text In	POS Protocols (General, OPTIMA, Hayley, SAM4S, AVE, Arch, Casio) Encoding Formats (Utf-8, ISO-8859-2, Windows-1250)			
User Interface	Mouse virtual keyboard, WEB browser, PC-based NVMS-Lite software			
NETWORK				
Ethernet	WAN	1 RJ45 10/100/1000 Base-T		
	PoE	4 RJ45 10/100 Base-T	8 RJ45 10/100 Base-T	16 RJ45 10/100 Base-T
	PoE power	48W Max (IEEE802.3at compliance)	96W Max (IEEE802.3at compliance)	150W Max (IEEE802.3at compliance)
Max. Output Throughput	40Mbps	80Mbps	96Mbps	
Remote Monitoring	Android\iOS Mobile App (SuperLive Plus) & Push Notification. NVMS-Lite Windows PC-based Application			
EXTERNAL INTERFACE				
Audio In	1 RCA, 4 IP Camera	1 RCA, 8 IP Camera	1 RCA, 16 IP Camera	
Audio Out	1 RCA, 1 HDMI			
Alarm In	16 Input via terminal block via optional VL-ALM-IO USB Module			
Alarm Out	6 Output via terminal block via optional VL-ALM-IO USB Module			
Serial Port	No			
USB	1x USB2.0 Front, 1x USB2.0 Rear			
GENERAL				
Operating Humidity	10 - 90% RH (Non-condensing)			
Operating Temperature	-10°C - +50°C			
Power Supply	48VDC, 4.0A (100 - 240VAC PSU Supplied)			
Power Consumption	<10.0W (No HDD, Without PoE)			
Dimension (WxDxH)	300 x 248.4 x 52.1mm		380 x 268.4 x 52.1mm	
Net Weight	Approx. 1.2Kg (Excludes HDD)			
COMPLIANCE				
CE\UKCA	EMC\RoHS & LVD			
NDA	Yes, via Novatek chipset			

* Total of 7-cameras 8MP@25fps and 9-cameras 6MP@25fps
 ** 175fps@8MP = 7-max cameras 225fps@6MP = 9-max cameras
 *** POS current development
 **** AI camera event - supported cameras only
 ***** Sandisk and Kingston 2GB/8GB/16GB/32GB USB memory sticks. LG GH24NS90 USB CD/DVD writer

WHATS IN THE BOX:
 NVR (4/8 or 16Ch)
 Quick Start Guide
 PSU 48VDC, 4.0A
 UK Power Lead
 Rack Mounts 1U (VL-16NVR Only)
 Screws to secure HDD

MODELS IN THIS RANGE

0887760	VL-04NVR
0892750	VL-04NVR-1TB
0892760	VL-04NVR-2TB
0892770	VL-04NVR-4TB
0892780	VL-04NVR-6TB
0887770	VL-08NVR
0892790	VL-08NVR-2TB
0892800	VL-08NVR-4TB
0892810	VL-08NVR-6TB
0892820	VL-08NVR-8TB
0892830	VL-08NVR-10TB
0873960	VL-16NVR
0892840	VL-16NVR-2TB
0892850	VL-16NVR-4TB
0892860	VL-16NVR-6TB
0892870	VL-16NVR-8TB
0892880	VL-16NVR-10TB
0892890	VL-16NVR-12TB
0892900	VL-16NVR-16TB
0892910	VL-16NVR-18TB

Note: Other Hard drive storage sizes available on request.

ASSOCIATED PRODUCTS

0887490 VL-ALM-IO
 USB Alarm Expansion Module 16in/6out

OTHER PRODUCTS

0855700	VistaPC-i5-XG-ClientPC	3-monitor support Win10 client PC
0855710	VistaPC-i5-XG-2TB	3-monitor support Win10 client PC + 2TB
0855790	VistaPC-i7-XG-ClientPC	4-monitor support Win10 client PC
0893100	VistaPC-i7-XIIG-1TB	4-monitor support Win10 client PC + 1TB
0338110	VFS118WHDA 18.5"	Monitor TVI/AHD/CVBS, HDMI VGA
0773530	VFS121WHDA 21"	Monitor TVI/AHD/CVBS, HDMI VGA
0773540	VFS124WHDA 24"	Monitor TVI/AHD/CVBS, HDMI VGA
0766120	QSW4	4 port PoE switch dual uplink 250m CCTV
0766130	QSW8	8 port PoE switch dual uplink 250m CCTV
0486900	QSW16	16 port PoE switch dual uplink 250m CCTV
0882360	QSW24M	24 port PoE managed switch dual uplink 250m CCTV
0480540	CAT5e/UTP/305/PVC/GREY	305m Cat5e cable drum
0480550	CAT5e/UTP/305/PVC/YELLOW	305m Cat5e cable drum
0480560	CAT5e/UTP/305/LSZH/VIOLET	305m Cat5e cable drum
0480580	CAT5e/UTP/305/DUCT/BLACK	305m Cat5e cable drum
0480610	CAT6/UTP/305/PVC/GREY	305m Cat6 cable drum
0890470	CAT6/UTP/305/LSZH/WHITE	305m Cat6 cable drum
0480620	CAT6/UTP/305/LSZH/VIOLET	305m Cat6 cable drum
0480630	CAT6/UTP/305/DUCT/BLACK	305m Cat6 cable drum