

NDA compliant 4, 8 and 16 channel DVRs supporting AHD, TVI, CVI & CVBS

VL-XXDVR



KEY FEATURES

NDA compliant

HDA Resolutions to 5MP

Available in 4/8 & 16 Channels

**Hybrid Support of
IP Cameras to 5MP**

**BNC CVBS Spot
Monitor Output**

**Android\iOS SuperView Live
App with Push Notification**

**Instant 5, 10, 30 &
60-second playback**

**Recording retention
function supported**

**Recorded file protection
supported**

**Supports instant channel
playback 1/4/8/16**

Vista's VL Series DVRs are fully NDA compliant, supported by the Novatek chipset, and complements the full Vista VL range of NDA NVRs and IP cameras.

The Android\Apple mobile App and PC-based free of charge NVMS-Lite software allows users to seamlessly manage VL-Series DVRs and 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 DVR is available as chassis only or pre-configured with hard drives up to 18TB per SATA HDD.

Available separately is the VL-ALM-IO USB alarm expansion module, working via the DVRs USB port, to provide expansion of an additional 16 Channel alarm input & 6 Channel alarm output.

To learn more about this product range please visit www.norbain.com/brands/vista



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TECHNICAL SPECIFICATION

Model	VL-04DVR-xxTB	VL-08DVR-xxTB	VL-16DVR-xxTB	
VIDEO				
AHD/TVI/CVI Video Inputs	4 × BNC	8 × BNC	16 × BNC	
Maximum IP Cameras	2 if all 4 BNC used 4 if 2 BNC spare	4 if all 8 BNC used 8 if 4 BNC spare	8 if all 16 BNC used 16 if 8 BNC spare	
Total Analogue and IP Channels	6	12	24	
Video Input Type	TVI / AHD / CVI / CVBS			
Video Input Resolution	5MP / 4MP / 1080P / 1080P / 960H / 720P / WD1 / D1			
IP Camera Maximum	5MP@ 30fps			
Compression	H.265 / H.264			
Display Output	1 × HDMI, 1 × VGA			
Spot Output	1 × CVBS main/spot/sequence			
Display Resolution	HDMI / VGA 1920 × 1080 / 1280 × 1024 / 1024 × 768			
Display Mode	1/4/6/8/9	1/4/6/8/9/13/16	1/4/6/8/9/13/16/25	
RECORDING				
Dual IP Stream Record	Yes – high and low res			
Total DVR Recording Speed (HD Analogue) fps@res	40@5MP (PAL) 48@4MP (PAL) 100@1080 / 960H / D1 (PAL)	80@5MP (PAL) 96@4MP (PAL) 96@1080P (PAL) 200@960H / 720P / WD1 / D1 (PAL)	160@5MP (PAL) 192@4MP (PAL) 192@1080P (PAL) 400@960H / 720P / WD1 / D1 (PAL)	
Recording Speed Per IP Camera: fps@res	25@ 5MP/4MP/1080/720/D1 (PAL)			
Recording Mode	Continuous / Manual / Schedule / Motion / Alarm / Smart event			
Record Quality	Highest / Higher / Medium / Lower / Lowest			
Pre Alarm	3sec or 5sec			
Post Alarm	5, 10 or 30-sec or 1, 2, 5 or 10mins			
PLAYBACK				
Simultaneous Playback Channels	4 max	8 max	16 max	
Playback Mode	Backward, Forward, fast speed 2x-32x digital zoom			
Search Mode	Date & Time, Manual, Sensor, AI Input, Motion, POS, Schedule Event, Time slice			
STORAGE				
Internal HDD (18TB max per SATA)	1 SATA HDD		2 SATA HDD	
RAID	No			
Backup	USB memory stick or USB HDD / CD / DVD			
Backup File Format	AVI, MP4 and Private Player with password encryption			
FUNCTION				
Text In	POS (Protocol none = plain Text Format set Start & End characters)			
User Interface	Mouse virtual keyboard, WEB browser, PC-Based VMS-Lite software			
NETWORK				
Ethernet	WAN	1 RJ45 10/100 Base-T	1 RJ45 10/100 Base-T	1 RJ45 10/100/1000 Base-T
	PoE	n/a	n/a	n/a
Max. Bandwidth in/out	16Mbps/40Mbps	32Mbps/60Mbps	32Mbps/96Mbps	
Remote Monitoring	Android/iOS Mobile App (Superlive Plus) & Push Notification. NVMS-Lite Windows PC-based Application			
Remote App Functions	Display / Playback / Backup / DVR control / PTZ control			
Max Simultaneous Web Clients	5		10	
Protocols	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP			
EXTERNAL IN/OUT				
Audio In	4 RCA	8 RCA	8 RCA	
Audio Out	1 RCA, 1 HDMI			
Alarm In	4 Input via terminal block as standard. Optional VL-ALM-IO USB Module	8 Input via terminal block as standard. Optional VL-ALM-IO USB Module	16 Input via terminal block as standard. Optional VL-ALM-IO USB Module	
Alarm Out	1 Output via terminal block as standard. Optional VL-ALM-IO USB Module	2 Output via terminal block as standard. Optional VL-ALM-IO USB Module	4 Output via terminal block as standard. Optional VL-ALM-IO USB Module	
Serial Port	1 × 485 PTZ output (Pelco-P and Pelco-D)			
USB	2 × USB2.0 (1 × front and 1 × back)			
GENERAL				
Working Condition	5° C - 40° C (41° F - 104° F) ; 10% ≤ Less than ≤ 90%			
Power Supply	DC12V / 4A			
Power Consumption	≤ 10W (Without HDD)	<10.0W (No HDD, Without PoE)	<15.0W (No HDD, Without PoE)	
NET Dimension (W x D x H)	300mm × 248.5mm × 48.1mm	300mm × 248.5mm × 48.1mm	380mm × 268mm × 48.1mm	
COMPLIANCE				
CE\UKCA	EMC / RoHS & LVD			
NDAA Compliant	Yes			
Warranty	3 Years			

MODELS IN THIS RANGE

0887740	VL-04DVR 4CH Hybrid DVR
0898030	VL-04DVR-2TB 4CH Hybrid DVR 2TB
0898040	VL-04DVR-4TB 4CH Hybrid DVR 4TB
0887750	VL-08DVR 8CH Hybrid DVR
0898070	VL-08DVR-4TB 8CH Hybrid DVR 4TB
0898100	VL-08DVR-12TB 8CH Hybrid DVR 12TB
0873950	VL-16DVR 16CH Hybrid DVR
0898150	VL-16DVR-8TB 16CH Hybrid DVR 8TB
0898170	VL-16DVR-16TB 16CH Hybrid DVR 16TB

Note: Other Hard drive storage sizes available.

ASSOCIATED PRODUCTS

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

0913720	VistaPC-i5-G12-3Mon-KBM ClientPC Windows 11 Client i5 PC, 3-monitor support, 256gb SSD, includes keyboard and mouse
0913730	VistaPC-i5-G12-3Mon-KBM-2TB Windows 11 Srv/Client Windows 11 Client i5 PC with 2TB additional onboard storage, 3-monitor support, includes keyboard and mouse
0338110	VFS118WHDA 18.5" Monitor TVI, AHD, CVBS, HDMI & VGA
0773530	VFS121WHDA 21" Monitor TVI, AHD, CVBS, HDMI & VGA
0766120	QSW4 4 port PoE switch dual up link 250m CCTV
0766130	QSW8 8 port PoE switch dual up link 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 cable drum
0480560	CAT5e/UTP/305/LSZH/VIOLET 305m cable drum
0480580	CAT5e/UTP/305/DUCT/BLACK 305m cable drum
0480610	CAT6/UTP/305/PVC/GREY 305m cable drum
0480620	CAT6/UTP/305/LSZH/VIOLET 305m cable drum
0480630	CAT6/UTP/305/DUCT/BLACK 305m cable drum
0853330	VCP-RJ45-Cat5-10 RJ45 Plugs × 10
0853350	VCP-RJ45-Cat6-10 RJ45 Plugs × 10
0853320	VSCT-RJ45 RJ45 crimp tool
0853380	VFCP-RJ45-Cat5-10 RJ45 FAST plug × 10
0853400	VFCP-RJ45-Cat6-10 RJ45 FAST plug × 10
0853370	VFCT-RJ45 FAST RJ45 FAST crimp tool
0872170	DIAMOND4K All in one CCTV\IP\Cable Test Monitor



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