

# VISTA QUANTUM NVR WITH PoE



## INSTALLATION MADE EVEN EASIER

Vista's 4 and 8 camera Quantum NVR, with built in PoE switches, have been designed specifically to operate like a standard Quantum DVR, helping to make the switch from analogue to IP as simple as possible. Easy to both install and operate, it is particularly relevant for estates currently using Quantum DVRs that want to move to an IP based system. The in-built PoE switch allows the installer to simply run a cat5e cable from the NVR to the camera position; the QNVR will then supply the power for the camera.\*

The NVR is fully compatible with all Vista VK2 cameras as well as multiple third party manufacturers' cameras. It is supplied with free of charge QCMS software that can communicate with current Quantum DVRs and the QNVR, allowing existing analogue systems to be expanded to incorporate the advantages of IP HD technology. Automatic discovery of cameras and setting of IP addresses make the NVR extremely quick and simple to set up.

The NVR can also be fully controlled via the VKBD4 RS485 keyboard. This allows the operator to remotely control PTZ domes, switch screen views, review recorded footage and change configurations in the set up menus.

The Quantum NVR provides full HD, real time recording of all the cameras connected. This recorded information can be stored on up to 8TBs of internal storage. Using the advanced alarm handling functions, the QNVR can seamlessly switch between the different recording streams, on a single channel input, allowing optimisation of bandwidth and storage usage.

Mobile viewing apps are available for both iOS and Android devices, allowing the user to remotely view live and recorded footage and control PTZ domes.

\*PoE supply over a maximum distance of 100m

**FLEXIBILITY BY DESIGN™**



### Key Features:

#### Full HD recording

Produces excellent quality 1080p recorded images

#### PoE Switch

Allows the NVR to supply power to the cameras, greatly simplifying installation

#### Seamless stream switching

Carried out on the same recording channel when an event action occurs to minimise the number of channels needed to record events

#### DVR look and feel

Ideal for making the switch from analogue to IP and minimises training requirements

#### Keyboard control

Via VKBD4 for simple integration into existing systems

#### ONVIF compatibility

Compatible with multiple third party manufacturers' cameras.

## MODELS IN THIS RANGE

0703220	QNVR-04P-01TB	4 Channel 1TB
0703230	QNVR-04P-03TB	4 Channel 3TB
0703240	QNVR-08P-01TB	8 Channel 1TB
0703250	QNVR-08P-03TB	8 Channel 3TB
0703260	QNVR-08P-06TB	8 Channel 6TB

## ASSOCIATED PRODUCTS

0363570	VKBD4	Remote Keyboard
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## TECHNICAL SPECIFICATION

Model		QNVR-PoE		
		QNVR04P	QNVR08P	
Video	IP Camera Input	4ch (4ch@1080p/720p/D1)	8ch (8ch@1080p/720p/D1)	
	Output	1 HDMI, 1 VGA		
Audio	Input(via network)/Output	4/1	8/1	
Sensor in (NO,NC)/ Alarm Out		4/1	4/1	
Operating System		Embedded Linux OS		
Display	Split Display	1/4 way	1/4/9 way	
	HDMI Resolution	1080p(1920x1080p), 1080i(1920x1080i)		
	VGA Resolution	1024x768, 1280x720, 1280x1024, 1440x900, 1920x1080		
Recording	Compression	H.264 / MPEG4 / JPEG		
	Resolution(Pixel)	1080p(1920x1080) / 720p(1280x720) / D1(720x576)		
	Mode	Normal, Event(Alarm/Motion), Schedule		
	Rec Frame	100ips@1080p/720p/D1	200ips@1080p/720p/D1	
Playback	Split Display	1/4 way	1/4/9 way	
	Playback Mode	Normal, REW(*1,*2,*4,*8,*16) & FF(*1,*2,*4,*8,*16), Frame to Frame, Pause		
	Search Mode	Date & Time, Calendar, Event(Alarm, Motion, Audio), Bookmark		
	Playback/Live Frame	100ips@1080p/720p/D1	160ips@1080p, 240ips@720p/D1	
Network	Network Interface	Ethernet x4 for IP Camera Ethernet x1 for Client PC	Ethernet x8 for IP Camera Ethernet x1 for Client PC	
	Network Protocol	TCP/IP, SMTP, HTTP, DHCP, PPPOE(ADSL), RTP/RTSP		
	Serial Communicaton	RS-485 x2 (PTZ & Keyboard control)		
	Application(PC Client)	Windows 2000/XP/Vista/7		
	Web Browser	Internet Explorer 5.0 or higher(NVRs Control or Viewing)		
	Event Transport	E-mail notification when Event occurs		
	Viewing / User Access	PC Client, CMS, Mobile Viewer / Up to 25 users		
Archive	Interface	USB 2.0 x2		
	Archive Device	Network, USB Memory Stick		
Event	Motion Detection	Area : Programmable motion detection area for each camera Sensitivity : 10 Steps for each channel		
	Event Log	Up to 5000 events (Alarm, Motion, Video&Power Loss, Power&Record On/Off)		
Control	Controller	IR Remote control / Mouse / VKBD4 keyboard		
	PTZ Camera	Control from RS485 Interface / Via Network		
Others	HDD	Support Max. 2 HDDs up to 8TB		
	Power Source	System	DC 12V/3.5A	DC 12V/3.5A
		PoE	DC 48V/1A (12W per channel)	DC 48V/2A (12W per channel)
	Power Consumption	40W		
	Operating Temperature	5~40°C(41~104°F)		
	Relative Humidity	Maximum 80% Non-Condensing		
	Weight (Unit/Box)	3Kg/4Kg		
	Dimension (Unit/Box)	352(W)*252(D)*71(H)mm / 400(W)*340(D)*145(H)mm		
Approvals	CE and RoHS2: 2011/65/EU			

# CE



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Subject to change without notice.

DS- QNVR PoE - version 1