

# VISTA QUANTUM PLUS REAL TIME DVR



## THE NEXT GENERATION OF QUANTUM DVRS

The Quantum Plus is a real time DVR offering scalable recording from CIF resolution at 400ips to D1 (4CIF) resolution at 100ips. A feature-rich machine, it offers multiprotocol RS485 Telemetry control for PTZ domes, allowing for the control of the majority of dome systems on the market via the IR remote control (supplied), front keyboard, remote keyboard, mouse or remote client software supplied free of charge with each machine.

Because of its rich feature set, the DVRs are suitable for the majority of CCTV applications, allowing standardisation for sales teams and engineers. Recording of images per second and image quality is adjustable on a per camera basis via schedule, VMD, audio and alarm activations. Operation is controlled via a standard mouse, making it simple and intuitive which means little training is required.

The speed and quality of the recorded images allows them to be used for evidential purposes, while the simple search and download facility to DVD, CD or USB makes handling and transferring the images quick and easy. Each video input has an audio input to record an audio track per camera making the units ideal for interview room situations. Video recording can also be initiated via the audio input.

To learn more about this product range please visit us at [vista-cctv.com](http://vista-cctv.com)



### Key Features:

#### 4CIF (D1) resolution recording

Allows for high quality recorded evidence

#### Real time recording

Records 25ips per camera, up to 400ips global recording

#### Scalable

Any camera can be set to record at any quality & resolution and at different image rates per second

#### Intuitive set-up menus

Driven for the front panel, mouse or remote control making it easy for the installer to set-up and the end user to operate

#### Multiprotocol RS485 telemetry control of PTZ domes

Allows for the control of the majority of manufacturers' domes

#### Audio input per video input

Allows for audio tracks to be recorded for each camera also used to initiate different recording modes

#### Up to 3TB of memory onboard the unit

Enough memory to cover the vast majority of applications

## THE PROFESSIONAL CHOICE

## MODELS IN THIS RANGE

<b>VQPLUS04-320</b>	4 Channel DVR 320GB DVD 400ips
<b>QPLUS04-640</b>	4 Channel DVR 640GB DVD 400ips
<b>QPLUS04-1000</b>	4 Channel DVR 1000GB DVD 400ips
<b>QPLUS08-320</b>	8 Channel DVR 320GB DVD 400ips
<b>QPLUS08-640</b>	8 Channel DVR 640GB DVD 400ips
<b>QPLUS08-1000</b>	8 Channel DVR 1000GB DVD 400ips
<b>QPLUS08-2000</b>	8 Channel DVR 2000GB DVD 400ips
<b>QPLUS08-3000</b>	8 Channel DVR 3000GB DVD 400ips
<b>QPLUS16-320</b>	16 Channel DVR 320GB DVD 400ips
<b>QPLUS16-640</b>	16 Channel DVR 640GB DVD 400ips
<b>QPLUS16-1000</b>	16 Channel DVR 1000GB DVD 400ips
<b>QPLUS16-2000</b>	16 Channel DVR 2000GB DVD 400ips
<b>QPLUS16-3000</b>	16 Channel DVR 3000GB DVD 400ips

## TECHNICAL SPECIFICATION

### GENERAL

<b>Video inputs</b>	4, 8 or 16 looping 1.0Vp-P/751 composite BNC connectors.
<b>Video outputs</b>	1 X 1.0Vp-P/751 composite, 1 X S-Video 1 X VGA, Programmable spot.
<b>Alarm inputs</b>	4 on the 4way, 8 on the 8 way and 16 on the 16 way
<b>Alarm outputs</b>	1 X TTL contact relay
<b>Audio inputs</b>	4RCA on the 4 way, 8 RCA on the 8 way and 16 on the 16 way
<b>Audio output</b>	1 RCA
<b>Operating system</b>	Embedded Linux
<b>Video compression</b>	MPEG4
<b>HDD sizes</b>	Up to 3TB
<b>Telemetry protocols</b>	Vista RS485, Pelco P and Pelco D

### RECORDING

<b>Recording rate</b>	4 way max 100ips (CIF), 50ips (2CIF), 25ips D1 (4CIF) 8 way max 200ips (CIF), 100ips (2CIF), 50ips D1 (4CIF) 16 way max 400ips (CIF), 200ips (2CIF), 100ips D1 (4CIF)
<b>Pixel resolution</b>	720x576 (PAL)
<b>Picture quality</b>	3 levels
<b>Recording mode</b>	Normal (TL), Motion, Alarm, Schedule, Duration and Audio
<b>Display mode</b>	4 way - 1 and 4 way splits 8 way - 1, 4 and 8 way split 16 way - 1, 4, 8 and 16 way split
<b>Motion detection</b>	256 zone, 3 levels of sensitivity, selectable per channel

### PLAYBACK AND DOWNLOAD

<b>Search modes</b>	Date & Time, Calendar, Event (Alarm, Motion, and Audio)
<b>Replay speeds</b>	Normal, REW and FF in x2, x4 and x16 speeds, Pause and Frame Advance
<b>Still Image capture</b>	JPEG and BMP compression via viewer software
<b>Download formats</b>	DVD-RW, CD, USB devices, Network

### NETWORK

<b>Network interface</b>	Ethernet
<b>Protocol</b>	TCP/IP, SMTP, HTTP, DHCP, PPPOE (ADSL)
<b>Operating systems</b>	Windows 2000, XP (PC Client System)
<b>Web browser</b>	Requires Internet Explorer 5.0 or higher
<b>Viewing from</b>	Viewing Software, CMS or Mobile Phone
<b>Notification</b>	E-Mail notification on Event

### GENERAL

<b>IR remote</b>	Supplied with each unit
<b>Event log</b>	256 events (Alarm, Motion, Video and Power loss, Power and Record on/off)

### ELECTRICAL

<b>Power requirement</b>	100-240 Vac, 50-60Hz
<b>Power consumption</b>	90Watts
<b>Power connectors</b>	IEC320-C13

### ENVIRONMENTAL

<b>Operating temp</b>	5-40C
<b>Relative humidity</b>	Maximum 80% non-condensing

### PHYSICAL

<b>Unit dimensions</b>	450x370x90mm (WxDxH)
<b>Box dimensions</b>	560x440x220mm (WxDxH)
<b>Unit weight</b>	Approximately 9kg depending on drive size
<b>Boxed weight</b>	Approximately 10kg depending on drive size

### ASSOCIATED PRODUCTS

<b>VKBD31m</b>	3 Axis Joystick Telemetry Keyboard
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No liability will be accepted by Vista for any errors or omissions in this information.

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