

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



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

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

TECHNICAL SPECIFICATION

GENERAL

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

RECORDING

Recording rate	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)
Pixel resolution	720x576 (PAL)
Picture quality	3 levels
Recording mode	Normal (TL), Motion, Alarm, Schedule, Duration and Audio
Display mode	4 way - 1 and 4 way splits 8 way - 1, 4 and 8 way split 16 way - 1, 4, 8 and 16 way split
Motion detection	256 zone, 3 levels of sensitivity, selectable per channel

PLAYBACK AND DOWNLOAD

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

NETWORK

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

GENERAL

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

ELECTRICAL

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

ENVIRONMENTAL

Operating temp	5-40C
Relative humidity	Maximum 80% non-condensing

PHYSICAL

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

ASSOCIATED PRODUCTS

VKBD31m	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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