

QUANTUM EVOLUTION DIGITAL VIDEO RECORDER



THE NEXT GENERATION OF QUANTUM DVRs WITH TELEMETRY

Vista's extremely successful Quantum DVD range has been enhanced to include telemetry, SATA hard drives and a graphical user interface (GUI) front end that ensures ease of use for both installer and end user. The Quantum-4 range has been specifically designed to cater for smaller installations with up to 4 cameras seeking a high quality but cost effective digital surveillance solution. The Quantum-4 combines many of the features characteristic of high-end DVR solutions and incorporates the very latest in MPEG4 compression to ensure small file sizes whilst maintaining high quality video.

Whilst Quantum-4 comes with a choice of hard disk sizes, advanced alarm and flexible recording options of up to 100ips in standard resolution of 50ips in high resolution, the new GUI front end makes it extremely straightforward to install and operate. With no compromise on function or quality, Quantum-4 simply extends to the smaller installation the benefits of high quality digital image surveillance.

The telemetry function controls PTZ domes either from the front panel or via the software viewer which uses Vista PowerDome, Pelco P and Pelco D protocols.

To learn more about this product range please visit us at vista-cctv.com



Key Features:

Telemetry

Front panel and software control of PTZ domes using Vista PowerDome, Pelco P and Pelco D protocols

Low cost, high spec

Designed specifically for cost conscious installations, but with key features usually found on only high-end DVRs

Clear images, small file sizes

MPEG4 compression technology delivers small file sizes without compromising image quality

Smooth playback of images

100ips recording in standard resolution (CIF), or 50ips in high resolution (2CIF).

Three quality settings are available within each

Duplex operation

Allows multi-screen viewing or playback plus simultaneous recording, backup and remote access

Individual camera settings

Each camera can be set to record at an individual frame rate and quality setting to meet the specific requirements of any location; these settings can change in response to alarm

THE PROFESSIONAL CHOICE

MODELS IN THIS RANGE

Quantum04-80EV	4 camera, 100ips max (PAL), MPEG 4 DVR 80GB hard drive
Quantum04-160EV	4 camera, 100ips max (PAL), MPEG 4 DVR 160GB hard drive
Quantum04-320EV	4 camera, 100ips max (PAL), MPEG 4 DVR 320GB hard drive

TECHNICAL SPECIFICATION

GENERAL

Video inputs	4 x 1.0 Vp-p/751 composite
Video output	1 x 1.0 Vp-p/751 composite, 1 x S-VIDEO
Alarm inputs	4
Alarm outputs	1 x TTL contact relay
Video compression	2CIF MPEG 4
Audio compression	ADPCM
Record speed	Up to: 100ips (PAL), 120ips (NTSC)
Record resolution	360x288 / 720x288 (PAL) 360x240 / 720x240 (NTSC)
Network interface	Ethernet, 10/100Base/T
Network protocol	TCP/IP, HTTP, DHCP, PPPOE
Hard drive storage	80GB, 160GB, 250GB (Western Digital Caviar series)
Archive storage	USB 2.0 (for CD/DVD/HDD/Flash/Pen drive)
RS485	Telemetry
Hard drives	SATA

CONTROLS

Video control	Play, Stop/Eject, Pause, Fast Forward & Rewind
Record	On/Off
Multi-screen	Full, PIP, 2x2
Menu	Menu
Jog shuttle	Menu control and Video Control
Numeric	Camera select

CONNECTORS

Input power	2.1mm barrel connector centre +ve
Video in (composite)	4 x BNC
Video out	BNC
Ethernet	1 x RJ45
Alarm in (pairs)	Push terminals
Alarm out (pairs)	Push terminals
Audio in	1 x RCA
Audio out	1 x RCA
Telemetry	Vista PowerDome, Pelco P and Pelco D

PHYSICAL

Dimensions	320(W)x317(D)x69(H)mm
Weight	3.8Kg
Shipping weight	4.5Kg
Colour	Black

ELECTRICAL

Input voltage	100-240V AC
Power consumption	36W

ENVIRONMENTAL

Operating temperature	5°C to +40°C
Storage temperature	-10°C to +60°C
Humidity	<80% non-condensing



No liability will be accepted by Vista for any errors or omissions in this information.

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