

## QUANTUM TVI DVR WITH LOOP THROUGH

### REAL TIME FULL HD OVER COAX



The Quantum TVI range of DVRs offer real time recording at up to Full HD 1080p resolution across all cameras over standard RG59 coax.

These feature rich, class leading DVRs allow users to very simply upgrade to Full HD imagery on a standard analogue platform plus are fully backwards compatible with existing analogue cameras.

The Quantum TVI DVRs provide the same high level of functionality offered by all the Vista Quantum range of DVRs including telemetry control of PTZ domes via the VKBD4 keyboard, front panel control, IR remote and across the network. The inclusion of "Looping" video inputs allows the camera images to be recorded and distributed out to other devices such as Vista TVI monitors.

The DVR has HDMI and VGA main monitor outputs, plus a CVBS format BNC spot output for use with standard monitors for public display type applications.

Due to their high performance and rich feature set, the full range is suitable for the majority of CCTV applications, allowing standardisation for sales teams and engineers.

Recording of frame rate and image quality is adjustable on a per camera basis via schedule, VMD, audio and alarm activations. Operation is controlled via a mouse, making it simple and intuitive to use.

The Quantum TVI DVR replay speeds are dependant on recorded resolution. These can be set at up to real time 1080p across all camera for both live viewing and replay. So producing superb, evidential quality, recorded information.

The simple search and download facility to DVD, CD, USB, or across a network, makes handling and transferring the images quick and easy.

Up to 8 of the cameras can be associated to the Audio inputs, making the units ideal for interview room situations. These audio inputs can also be used to trigger event recording when audio is detected.

### Key Features:

#### Real Time Full HD over coax cable

The DVR records full HD TVI format camera signals, that can be transmitted over 300m of standard Rg59 coax cable, making this unit ideal for simple upgrades of existing analogue systems

#### Synchronous real-time play back

The DVR will synchronously play back all 16 cameras in real time split screen mode, making it easy to review a complete system

#### Supports up to 24Tb internal storage

The DVR can support 4 hard drive, this allows 24Tb of internal storage, allowing long storage times at high frame rates

#### CVBS composite monitor output

Allows the camera images to be displayed on remote monitors, ideal for public display front entrance monitors

#### Loop Through camera inputs

The camera images can be recorded on the DVR and distributed out to third party devices such as additional monitors

#### Supports the VKBD4 external joystick keyboard

Allows for the control of PTZ dome cameras

#### Built in DVD drive

Allows secure archiving of evidence onto an optical WORM drive (Write Once Read Many)

## TECHNICAL SPECIFICATION

Model	QTV108	QTV116
<b>VIDEO</b>		
Inputs	8 dual format TVI and CVBS looping BNCs	16 dual format TVI and CVBS looping BNCs
TVI reception distance	300m over RG59	
Output	HDMI, VGA main monitor, BNC CVBS spot monitor	
<b>AUDIO</b>		
Input / Output	4ch / 1 chn	8ch / 1 chn
<b>DISPLAY</b>		
HDMI resolution	1080p or 1080i	
VGA resolution	1024x768 to 1920x1080	
Split screen options	1/4/9/16 way	
Spot Monitor	CVBS programmable spot output, single, sequence, split screen	
<b>RECORDING</b>		
Compression (Video/Audio)	h.264 / ADPCM	
Resolution options	1080p (1920x1080), 720p (1280x720), 960H (960x540), 480H (480x240)	
Frame rates	400fps @1080p (real time across all channels)	
Record modes	Time lapse (Normal), Alarm, Motion, Audio, Scheduled	
<b>PLAYBACK</b>		
Split screen options	1/4/9 way	1/4/9/16 way
Search Modes	Date & Time, Calendar, Event, Bookmark, Thumbnail	
Replay functions	Play, REW & FF, Slow, Frame, Pause, Replay	
<b>NETWORK</b>		
Network Interface	10/100/1000 Mbps Ethernet (RJ45)	
Network Protocols	TCP/IP, SMTP, HTTP, DHCP, PPPoE (ADSL)	
Applications ( PC Client)	Windows 10,8,7, 2000 and XP	
Web browser	Internet Explorer 5.0 or above	
Event transportation	E-Mail notification with J-PEG	
Viewing / User access	Remote client, CMS, Mobile apps / Up to 25 users	
Serial communication	2 x RS485 ports (Keyboard and Telemetry)	
<b>STORAGE / BACK UP</b>		
Internal Storage	4 internal HDDs (Up to 24TB)	
External Storage	1 x E-Sata port	
Back up devices	DVD drive, USB pen, Network	
Back up file format	EXE, AVI	
System Iof file	2500 event file (Alarm, Motion, Video & power Loss, Power & record on/Off)	
<b>ALARMS</b>		
Inputs	8 (TTL)	16 (TTL)
Outputs	4 Relay	
<b>CONTROL</b>		
Control interfaces	Front Panel / Mouse / VKBD4 keyboard / IR remote	
Telemetry	RS485, TVI Control over Coax, Vista C requires QTVI-FSK adapter	
<b>POWER</b>		
Source	100-240VAC 50/60Hz	
Consumption	70W	
<b>WEIGHTS AND DIMS</b>		
Weight (Unit/Boxed)	8Kg / 10Kg	
Dimensions (Unit / Boxed)	440x420x90mm / 550x540x220mm	
<b>CERTIFICATION</b>		
CE / RohS	CE RoHS2:2011/65/EU	

## Models In This Range

0775120  
QTVI08L-2TB

0775130  
QTVI08L-4TB

0775140  
QTVI08L-6TB

0775160  
QTVI16L-4TB

0775170  
QTVI16L-6TB

0775180  
QTVI16L-8TB

0775190  
QTVI16L-12TB

0775200  
QTVI16L-24TB

## Associated Products

0704360  
Quantum Rack mount

0363570  
VKDB4  
Joystick Keyboard

0692850  
SW2  
2x HDMI switch

0692860  
SW4  
4x HDMI switch

0692870  
SW6  
6x HDMI switch

0692890  
SW8  
8x HDMI switch

0775240  
QTVI-FSK  
FSK adapter for Vista Coax control of CVBS standard resolution PTZ domes




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DS - QTVIL - Version 1

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