VQ

Rainbow's new DVR line Engineered With Patented Visual Q Technology
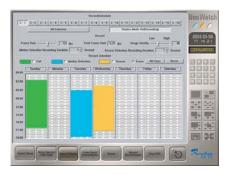
Digital Made ~~Easy~~ Easier!

- Large Storage Capacity - 120 GB (expandable to 720GB)
- Fast Recording Speed - 200 ips (images per second)
- High Resolution - 640 x 480
- Reliability - High quality components used with extensive system reliability testing
- Patented Features
  - Visual Q Technology provides simple set-up and retrieval of recordings
  - Anti-Frag Technology continuously stores video data without leaving unnecessary holes or fragments in thee memory/storage space.

VQ's user-friendly interface provides access to all functions

Scheduling made easy. Just drag and click.

Frame by frame view of recorded images

- Storage capacity up to 720GB
- 200 images per second recording
- 640 x 480 resolution
- Engineered with patented Visual Q Technology - providing simple record and playback selection
- Simultaneous Record, Playback, Remote Access, and Live Display
- Motion Detection (Full, Grid, Custom)
- Patented Anti-Frag continuously stores video data without leaving unnecessary holes or fragments in the memory/storage space
- CD-RW standard

- High quality components with extensive reliability testing
- Uses adaptive MJPEG compression for maximum use of storage capacity
- User-friendly software running on Windows XP Pro platform for maximum stability
- Onboard P/T/Z controls
- Watchdog Function continuously checks the system and recovers it from unexpected failure
- Watermark technology protects against forgery
- 4 analog video outputs

Rainbow® CCTV

TECHNICAL SPECIFICATIONS

Type	8-Channel	16-Channel
Max Video Display	240 F/s	240 F/s (480 F/s)
Max Video Recording	200 F/s	200 F/s
Display Resolution	640x480	640x480
Average Frame Size	2~5 Kb	2~5 Kb
Video Compression	Adaptive MJPEG	Adaptive MJPEG
Screen Split Mode	1, 4, 8	1,4,6,8,9,10,13,16
Remote Monitoring	LAN & Internet	LAN & Internet
Remote Configuration	LAN & Internet	LAN & Internet
Motion Detection	Automatic Adjustable Threshold Setting	Automatic Adjustable Threshold Setting
Max Camera Inputs	8	16
Max Video Inputs	8	16
Max Video Outputs	4	4
Video Matrix Switcher	8x4	16x4
Max Digital Sensors	8	8
Max Digital Controls	8	8
Pan/Tilt/Zoom Control	Yes	Yes
Joystick Control	Yes	Yes
CD-ROM Drive	CD-RW	CD-RW
Watchdog Function	Auto Reset	Auto Reset
Operating System	Windows® XP Pro	Windows® XP Pro

Supplied Accessories:
Samsung 106Key PS/2 Keyboard, A4Tech Wheel PS/2 Mouse, and remote site software. (Note: Monitor not supplied)

Minimum PC Requirements for Remote Site Software:
Pentium III processor, 700MHz, 128MB of memory; 1024x768 display setup; 32 bit color display; 32 MB video card.

Recommended VGA Cards:
ATI 32M or better.

Electrical

Input Voltage:	100-240 VAC switchable, 50/60 Hz
Power:	300W
Signal System:	NTSC/PAL
M/B:	Intel D845WN PGA 478
HDD:	120GB 7200RPM IDE
CPU:	Intel Pentium 4 1.7GHz or better
RAM:	Samsung PC133 128M or better
VGA Card:	ATI Radeon VE Single 32MB
Main Memory:	384MB
LAN Card:	3COM 905BL
Capture Board:	(1 or 2) 4CH
Back Panel:	8 or 16CH

Mechanical

Connectors:

BNC	Video Inputs
6-pin MiniDIN	PS/2 mouse and keyboard
Push-in	Sensor and Control outputs
9-pin D-type	COM 1 and 2
15-pin D-type	SVGA monitor port
25-pin D-type	Printer port
BNC	4 ports available for Analog or CCTV monitor
RJ45	TCP/IP, LAN / WAN
USB	4 ports available for external backup device
S-Video	1 outputs available for external Monitors

General

Operating Temperature:	41° - 104° F (5° - 40° C)
Relative Humidity:	Maximum 80% non-condensing
Dimensions:	48.0 W x 17.8 H x 44.0 D (cm)
Unit Weight:	18kg (39.6 lb)

Certifications

CE, Class A
UL Listed

ISO 9000
FCC, Class A
10 Segment Reliability Test Program

Patented Technology

Anti-Frag® File System
Visual Q® Rapid Search

Rainbow® CCTV

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