



HVRM-T1600Q



FEATURES

16 Channel H.264, Linux Embedded, 60 @ 720×480 (Full D1) Digital Video Recorder

- 16ch Stand-alone DVR
- Monitoring/Recording (480/60fps at D1) for All Channels
- Adjustable Recording Quality/Speed Setup per Each Channel
- Main and Spot Monitor Output via Built-in 2 BNC and 1 VGA Port
- Support Dual Codec(H.264,JPEG) / Multi Stream
- 1 Internal SATA Type HDDs (Optional DVD-R/W)
- Support External Storage via eSATA
- Date/Time, Calendar, Event, Thumbnail, Smart, Text Search Available
- Provide Bundle CMS Managing 1,024 DVRs in Various Ways such as E-map, Viewset
- Java Viewer for Chrome, Firefox, Safari
- Various Mobile Platform Support (iPhone/Android Viewer and Mobile page)

Specifications	
Video Input	16 BNC connectors (NTSC/PAL, auto detect)
Connectors	16ch, 75Ω BNC connector
Video output	2 BNC (1 Main Monitor, 1 Spot Monitor), 1 VGA
Loop out	Not supported
Recording resoluton	240/200fps (NTSC/PAL) at CIF
Recording Quality	5 levels of compression rate / Record frame rate adjustment
Recording Mode	Manual & Event / Schedule & Event / Continuous & Event
Playback Mode	Instant playback / search
Playback Search type	Time, calender, event, thumbnail, smart

Specifications	
Event & alarm	MD(Motion Detection), sensor, video loss, text
Event check schedule	24hrs / 7days
Event action	Buzzer, Relay, E-mail, Twitter, FTP, Alarm Pop-Up
MD area	22×15(NTSC) or 22×18(PAL) grid
Sensor input	Dry contact (N.O. or N.C. selectable)
Text input	POS/ATM support, AVE VSI Pro/Hydra support
Alarm source	HDD fail, HDD almost full, fan fail, Pwd fail, WRS fail
Audio Input/output	4ch input / 1ch output
PTZ Protocols	35 models including C1080, C1080PT-Z20, Pelco-D, Pelco-P, Samsung, and Panasonic
Network Interface	10/100 Ethernet
Type	Fixed IP, Floating IP, xDSL
Network WRS	Supported
Network bandwidth limit	Supported
Network NTP	Server / Client / Both
Network Users	10 monitoring, 2 playback
Security User level	1 admin, 10 users
Security User privilege	Menu, PTZ, relay, playback, power off, power on, copy, network MIC
Storage devices	2 internal SATA HDD
Storage Mirroring	Not Supported
Storage Capacity	Max 6TB with SATA
Backup type	Multi-channel own file format or single channel avi file
Backup device	Internal CD/DVD(option) or USB drive(2 port)
S.M.A.R.T.	Temperature and health
Serial port	1 RS-232C, 2 RS-485
Web viewer	Monitoring / Event / PTZ / Playback with IE
Java viewer	Monitoring / Event/ PTZ with Chrome, Firefox and Safari
Mobile viewer	Monitoring with PTZ, iPhone & Adroid supported
CMS	Control center standard, max 1024 DVRs
Dimension	350(W) x 413(D) x 88(H) mm
Weight	Approx. 8.0 Kg (17 lbs), No HDD
Operating temperature	5°C ~ 45°C (41°F ~ 113°F)
Power	AC 100~240V, 50/60Hz
Power consumption	Max. 75W Typical 50W
Approval	KC, FCC, CE, RoHS