



HVR-16790

Full HD Hybrid Digital Video Recorder

Key Features

- Support AHD, TVI, 960H and D1 Camera
- Real Time Full HD Live/Playback with Smart Display
- Up to 480fps Full HD Recording
- 16CH Loop Out
- Spot Out
- Audio In/Out(16/1)
- Alarm In/Out(16/4)
- Internal HDD : 4xSATA Port
- 2U 19" Rack Mountable

Key Functions

- User Friendly Modern User Interface
- Dual Recording(Main & Sub)
- Intelligent Recording Frame, Resolution & Quality Control
- Data Back-up in AVI & MP4
- DDNS, DVRNS & Dashboard Support
- Advanced Search(Time, Event, Thumbnail, Text, Smart)
- Text(ATM/POS) Overlay

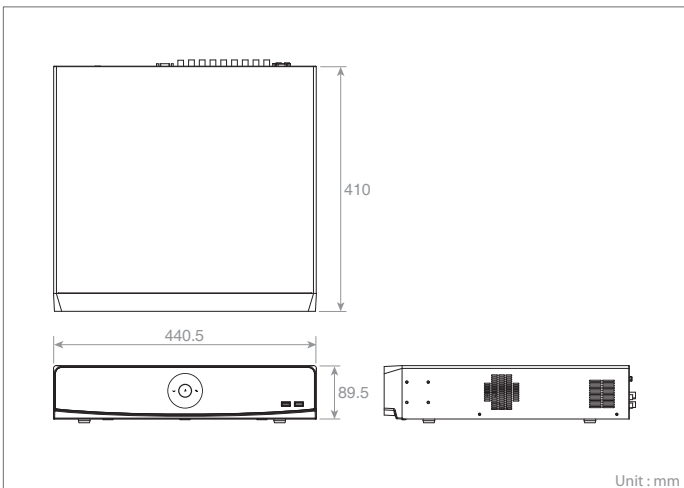
Software

- Smart Manager
- Titanium
- Titanium Plus
- Tive HD

Optional Accessory

- HAS-08IE(8 Bay iSCSI Storage)
- HAS-16I(16 Bay iSCSI Storage)

Dimension



Technical Specifications

Model	HVR-16790	
VIDEO		
Video Input Channel	Up to 16CH (16 BNC, 4 IP Configurable)	
Video Input Type	AHD, TVI, CVBS, IP	
Video Input Resolution	BNC	1080p, 720p, 960H, D1(CVBS)
	IP	Up to 3M
Display Output	1 VGA, 1 HDMI, 16BNC(Looping), 1 BNC(Spot, CVBS)	
Display Resolution	VGA, HD Output	3840x2160, 1920x1080, 1280x720, 1024x768
	Spot	1.0 Vp-p(75ohm, Composite)
Display Speed	Up to 480fps	
Display Mode	VGA, HD Output	1/4/9/16 Split, PIP, Sequence
	Spot	1/16 Split, Sequence
RECORDING		
Compression	H.264	
Recording Resolution	BNC	1080p, 720p, 960H
	IP	Up to 3M
Recording Speed	Main Stream : 480fps@1080p Sub Stream : 480fps@VGA	
Recording Mode	Continuous, Motion, Alarm, C+M, C+A, M+A, C+M+A, Panic	
Pre Alarm	1~5sec	
Post Alarm	5sec~10min	
PLAYBACK		
Simultaneous Playback	1/4/9/16 Split	
Playback Mode	Backward, Forward 2~64x	
Search Mode	Time, Event, Thumbnail, Text, Smart(Motion)	
STORAGE		
Internal HDD	4 SATA Interface	
External Storage	iSCSI	
Backup	USB, DVD(Optional)	
Backup File Format	AVI, H4V, MP4	
FUNCTION		
PTZ & OSD Control	RS485, UTC	
Text in	POS/ATM(Network, RS485, USB)	
User Interface	Mouse, USB/RS485 Keyboard	
NETWORK		
PTZ & OSD Control	1 RJ45 10/100/1000 Base-T	
Max. Network Throughput	Unlimited (Guarantee 288Mbps, Support Bandwidth Control)	
Remote Monitoring	CMS, Mobile, Web, Dashboard	
EXTERNAL IN/OUT		
Audio	16 RCA Input / 1 RCA Output, 1 HD Output	
Alarm	16 Input / 4 Output(Terminal Block)	
Serial Port	2 RS485(Terminal Block)	
USB	2 USB(Front)	
ETC		
Operating Humidity	0~90% RH(Non-Condensing)	
Operating Temperature	0~+45℃	
Power Supply	12VDC, 7A	
Power Consumption	TBD(Include 4HDD)	
Dimension(WxHxD)	440.5(W)x89.5(H)x410(D)mm	
Net Weight	TBD	

Specifications are subject to change without notice.