



HVR-48D1

4CH H.265 Digital Video Recorder

Key Features

- Support H.265 Compression
- Up to 5MP 4CH Video Input
- Support AHD, TVI and CVBS Multi Video Format
- Real Time Live Display(4MP)
- 4K Resolution HDMI Output
- Spot Video Output
- Up to 60fps 4MP Recording
- Support IP Camera Input
- Audio, Alarm
- Internal 2 SATA Interfaces

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
- Camera Menu and PTZ Control over Coax Cable(UTC)

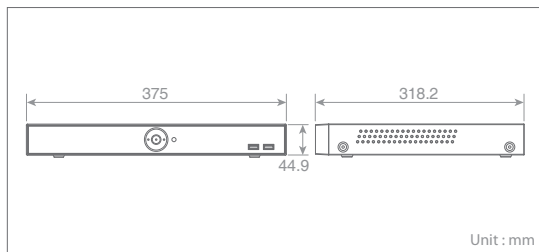
Software

- SmartManager
- Titanium 2.0
- Titanium Mobile

Optional Accessory

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

Dimension



Technical Specifications

Model	HVR-48D1	
VIDEO		
Video Input Channel	Up to 4CH(4 BNC, 1 IP Configurable)	
Video Input Type	AHD, TVI, CVBS, IP	
Video Input Resolution	BNC	8MP, 5MP, 4MP, 1080p, 720p, 960H, D1(CVBS)
	IP	Up to 2MP
Display Output	1 VGA, 1 HDMI, 1 BNC(Spot, CVBS)	
Display Resolution	VGA, HDMI	3840x2160, 1920x1080, 1280x720, 1024x768
	Spot	1.0 Vp-p(75ohm, Composite)
Display Speed	Up to 120fps(80fps@5MP, 60fps@8MP)	
Display Mode	VGA, HDMI	1/4 Split, Sequence
	Spot	1/4 Split, Sequence
RECORDING		
Compression	H.264/H.265	
Recording Resolution	BNC	8MP, 5MP, 4MP, 1080p, 720p, 960H
	IP	Up to 2MP
Recording Speed	Main Stream : 28fps@8MP, 48fps@5MP, 60fps@4MP, 120fps@1080p Sub Stream : 120fps@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 Split	
Playback Mode	Backward, Forward 2~64x	
Search Mode	Time, Event, Thumbnail, Text, Smart(Motion)	
STORAGE		
Internal HDD	2 SATA Interface	
External Storage	iSCSI	
Backup	USB	
Backup File Format	AVI, H4V	
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 72Mbps, Support Bandwidth Control)	
Remote Monitoring	CMS, Mobile, Web, Dashboard	
EXTERNAL IN/OUT		
Audio	4 RCA Input / 1 RCA Output, 1 HDMI Output	
Alarm	4 Input / 1 Output(Terminal Block)	
Serial Port	2 RS485(Terminal Block)	
USB	3 USB(Front 2, Rear 1)	
ETC		
Operating Humidity	0~90% RH(Non-Condensing)	
Operating Temperature	0~+40 °C	
Power Supply	12V, 3.3A	
Power Consumption	30W(Include 2HDDs)	
Dimension(WxHxD)	375x44.9x318.2mm	
Net Weight	2.3kg(Exclude HDD)	

Specifications are subject to change without notice.