

HVR-2004



HVR-2008/2016



HVR-2004/2008/2016

Full HD AHD/TVI Digital Video Recorder

Key Features

- Support AHD, TVI, 960H and D1 Camera
- Analog Spot Video Out(8ch,16ch)
- Full HD Real Time Display on HD Output and VGA
- Up to 240fps Full HD Recording
- Audio In/Out
- Alarm In/Out
- 1 SATA(4CH), 2 SATA(8/16CH)

Key Functions

- Dual Recording(Main-Full HD, Sub-CIF)
- Camera Menu and PTZ Control over Coax Cable
- ATM/POS Support
- DDNS, DVRNS, Dashboard
- Advanced Event Search

Software

- Titanium
- Titanium plus
- Tive HD

Optional Accessory

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

Technical Specifications

Model	HVR-2004	HVR-2008	HVR-2016
VIDEO			
Camera Input Channel	4 BNC(AHD, TVI, CVBS)	8 BNC(AHD, TVI, CVBS)	16 BNC(AHD, TVI, CVBS)
Camera Input Resolution	1080P, 720P, 960H, D1	1080P, 720P, 960H, D1	1080P, 720P, 960H, D1
Display Output	HD Output, VGA	HD Output, VGA	HD Output, VGA
Display Resolution	1024x768, 1280x1024 1280x720, 1920x1080	1024x768, 1280x1024 1280x720, 1920x1080	1024x768, 1280x1024 1280x720, 1920x1080
AUDIO			
Audio In	1(RCA)	1(RCA)	1(RCA)
Audio Out	1 RCA Line-out/HD Output	1 RCA Line-out/HD Output	1 RCA Line-out/HD Output
RECORDING/PLAYBACK			
Recording FPS	Main Stream : 1080P@120fps Sub Stream : CIF@120fps	Main Stream : 1080P@240fps Sub Stream : CIF@240fps	Main Stream : 1080P@240fps Sub Stream : CIF@240fps
Live Display	1080P Realtime 1/4 Split, PIP, SEQ	1080P Realtime 1/4/6/8/9 Split, PIP, SEQ	1080P Realtime 1/4/6/8/9/13/16 Split, PIP, SEQ
Simultaneous Playback	1080P-1/4 Split	1080P-1/4/9/13 Split 13 Split-Live 1CH Display	1080P-1/4/9/13/16 Split 13 Split-Live 1CH Display
Playback FPS	30fps@1080P 60fps@720P 120fps@960H/D1	120fps@1080P 240fps@720P 480fps@960H/D1	120fps@1080P 240fps@720P 480fps@960H/D1
Maximum Network Throughput for Output	Unlimited (Guarantee 72Mbps, Support Bandwidth Control)	Unlimited (Guarantee 144Mbps, Support Bandwidth Control)	Unlimited (Guarantee 72Mbps, Support Bandwidth Control)
Pre-Alarm	Max. 5s	Max. 5s	Max. 5s
Playback Mode	FF(x2, x4, x8, x16, x32, x64) REW(x2, x4, x8, x16, x32, x64) Slow Forward/Reverse(x1/2, x1/4, x1/8) Step-by-Step Forward, Reverse	FF(x2, x4, x8, x16, x32, x64) REW(x2, x4, x8, x16, x32, x64) Slow Forward/Reverse(x1/2, x1/4, x1/8) Step-by-Step Forward, Reverse	FF(x2, x4, x8, x16, x32, x64) REW(x2, x4, x8, x16, x32, x64) Slow Forward/Reverse(x1/2, x1/4, x1/8) Step-by-Step Forward, Reverse
Playback Search	Date/Time, Calendar, Event, Motion(Museum), Protect, Capture, Text(POS/ATM)	Date/Time, Calendar, Event, Motion(Museum), Protect, Capture, Text(POS/ATM)	Date/Time, Calendar, Event, Motion(Museum), Protect, Capture, Text(POS/ATM)
STORAGE			
HDDs	1 SATA	2 SATA	2 SATA
e-SATA Port	-	-	-
USB	2(USB2.0)	2(USB2.0)	2(USB2.0)
Backup	USB, VMS	USB, VMS	USB, VMS
ALARM			
Alarm Input	4(Terminal Block)	4(Terminal Block)	4(Terminal Block)
Alarm Out	1(Terminal Block)	1(Terminal Block)	1(Terminal Block)
NETWORK			
Ethernet	1(1Gbps)	1(1Gbps)	1(1Gbps)
ETC			
RS485	1	1	1
Serial Interface	USB to Serial/RS485	USB to Serial	USB to Serial
PoS/ATM	Yes(with VSSI-Pro, ASCII, Network)	Yes(with VSSI-Pro, ASCII, Network)	Yes(with VSSI-Pro, ASCII, Network)
GENERAL			
Dimension	TBD	TBD	TBD
Weight	TBD	TBD	TBD
System Power Supply	12V, 3A(TBD)	12V, 5A(TBD)	12V, 5A(TBD)
OTHER FEATURES			
System Keyboard	Yes	Yes	Yes
Digital Zoom In/Out(Live, PB)	Yes(x2, x4, x6, x8)	Yes(x2, x4, x6, x8)	Yes(x2, x4, x6, x8)
Live PIP Mode	Yes	Yes	Yes
Protect Video/Audio Clips	Yes	Yes	Yes
Still Image Capture	Yes	Yes	Yes
Printer	Network/USB Support	Network/USB Support	Network/USB Support
Live Freeze Mode	Yes	Yes	Yes
Instant Playback	Yes	Yes	Yes
Privacy Zone Setting	Yes	Yes	Yes
Motion Zone Setting	Yes	Yes	Yes
FTP File Transfer	Yes	Yes	Yes
Email	Yes	Yes	Yes
iSCSI	Yes(up to 6)	Yes(up to 6)	Yes(up to 6)
DDNS/DVRNS/Dashboard	Yes	Yes	Yes
S.M.A.R.T	Yes	Yes	Yes
UTC Control	Yes	Yes	Yes



Specifications are subject to change without notice.