

TECHNICAL DATA SHEET

HDDVR SERIES

4 & 8 Channel HD-SDI Pentaplex Digital Video Recorders



HDDVR4 & HDDVR8



NVST04

KEY FEATURES

- 4 or 8 HD-SDI Channels
- Dual Codec; H.264 / MJPEG
- Adjustable Resolution (1080p, 720p) & Frame Rate Per Channel
- Up to 120FPS Recording (1080p), 240FPS Recording (720p)
- Real Time Multi-Channel Playback
- 4Ch Audio Inputs for Recording & 1Ch Output for 2-Way Audio
- Integrated DVD-RW
- User Freindly GUI & E-MAP Facility
- IR Remote Control & Mouse (Supplied)
- Built-in Web Server & Client Software
- PTZ Control via RS-485
- 4 Internal SATA HDDs (8 TB Storage)
- Support External Storage with Max. 64TB via Storage (NVST04) or 16TB with eSATA
- Mobile Viewing (Blackberry, iPhone, iPad, Android)
- Javascript Allows Alternative Browser Support Including Apple Mac
- DC 12V \pm 10%

ORDERING INFORMATION

HDDVR4 4 Channel HD-SDI DVR, H.264/MJPEG

HDDVR8 8 Channel HD-SDI DVR H.264/MJPEG

*Add e.g. /2000, /4000, /8000, etc to the part code above depending on what hard drive size you require

NVST04 Network Storage for HDDVR4

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TECHNICAL SPECIFICATION

Model Number	HDDVR4	HDDVR8
Operating System	Embedded Linux	
Video Input	4 x HD-SDI (SMPTE 292M) Input BNC Connectors	8 x HD-SDI (SMPTE 292M) Input BNC Connectors
Video Output	1 x HDMI, 1 x VGA	
Video Compression	H.264 / MJPEG	
Display Speed & Resolution	120FPS / 1080p, 720p	240FPS / 1080p, 720p
Recording Speed & Resolution	60FPS at 1080p , 120FPS at 720p / 1080p, 720p	120FPS at 1080p , 240FPS at 720p
Sensor Input / Relay Output	4 Inputs / 4 Outputs (Configurable N.O./N.C.)	8 Inputs / 4 Outputs (Configurable N.O./N.C.)
Audio Input / Output	4 Channel Input / 1 Channel Output	
System Control	Key Buttons, Remote Client, IR Remote, Keyboard	
PTZ Control	RS-485	
Recording Mode	Manual & Event / Schedule & Event	
Recording Quality	5 Levels of Compression Rate & Record Frame Rate Adjustment	
Motion Detection	Yes, 22 x 18 Grid	
Search Mode	Event, Thumbnail, Date/Time, Log, Text, SMART Search	
Playback Mode	Forward, Reverse, Pause, 1/2x, 1x, 2x, 4x, 8x, 16x, 32x, 64x	
Pentaplex Function	Simultaneous Record / Playback, Back-up, Remote Monitoring, Remote Playback	
Alarm Notification	Auto Email, Internal Buzzer, Relay Out, Pop-up Screen, Network Event, FTP Sending	
Power Failure Recovery	Yes	
Watermark	Yes	
Password Protection	11 Levels (1 Admin, 10 Users)	
Back-up	DVD-RW, USB, eSATA, Network	
Interface	RS-485, RS-232C	
HDD Storage	4 Internal SATA HDDs (8TB Storage), 1 eSATA, Giga Ethernet for NVST04	
Network	TCP/IP, ARP, ICMP, DHCP, PPPoE, UDP, SMTP, SNMP, FTP, SNT, HTTP, TLS	
CMS	Central Monitoring Software Supports max 1000 Clients	
SDK	ActiveX(COM) SDK	
Operating Conditions	Temperature: 5°C ~ +45°C, Humidity: 85% RH	
Power Supply	DC 12V ±10%	
Power Consumption	AC 100~240V, 50/60Hz, 6.5Amp	
Dimensions (D x H)	445 x 88 x 442 mm	
Weight	10.3Kg	

Features and specifications are subject to change for further improvement without any notice