

8/16 CH DISPLAY on 1080p RESOLUTION

PRO HD08 PRO HD16

- HDMI OUTPUT FOR SHARP AND CLEAR LIVE VIEW ON A FULL HD(1080p) SCREEN
- H.264® HIGH COMPRESSION CODEC
- DUAL VIDEO STREAM - BLAZING FAST REMOTE VIEW
- PROGRAMMABLE SPLIT VIEW SPOT OUT
- INDIVIDUAL AUDIO IN, PROGRAMMABLE ALARM IN & OUT FOR A VIDEO CHANNEL
- JOG SHUTTLE FOR EASY PLAYBACK CONTROL
- CLIENT WORKS ON WINDOWS 7
- SEARCH & CONTROL PTZ ON YOUR MOBILE PHONE

H.264



HDD / Optical Drive installation available upon request / USB Mouse Included

- DVST PRO-HD08** 240 fps Display & Rec (Real-time) / 8Ch Video & Loop-Out / 8Ch Audio / 8Ch Alarm-In & Out / H.264® CODEC / Dual Stream / Up to 1080p display
- DVST PRO-HD16** 480 fps Display & Rec (Real-time) / 16Ch Video & Loop-Out / 16Ch Audio / 16Ch Alarm-In & Out / H.264® CODEC / Dual Stream / Up to 1080p display

H.264® contains a number of new features that allow it to compress video much effectively than older standards and to provide more flexibility for application to a wide variety of network environments. H.264® is the latest and more advanced video standard developed jointly by ITU and MPEG®. It is also known as MPEG-4® Part 10, or MPEG-4® AVC.

Dual video stream both for network transmission and recording offers more flexible monitoring environment on various network conditions.

- Pentaplex Operation (Live / Recording / Playback / Network / Backup)
- CMS (Central Monitoring Station) / Web-Client Support
- H.264® Hardware compression (High Quality video)
- Static IP / DHCP / DDNS Support
- Archiving (EXE / JPEG Format)
- USB Mouse / USB Stick Memory (Front 2x, Rear 2x)
- Software Upgrade via network, USB Port, DVD-RW
- Keyboard Controller, Various PTZ Protocol Support
- Audio Recording and playback (2 way Audio conference)
- VGA Monitor Support
- NTP (Network Time Protocol)
- User-friendly Server GUI & Front Design Embedded Linux OS
- E-mail notification (Video Clip, Still Image, Message)
- WCS (Watermark Check System)
- IR Remote Controller
- POS / ATM
- Mobile Viewer (Windows® Mobile 6.1 or higher / iPhone® / BlackBerry® / Android® Phone)
- E-Map Function Support



	PRO-HD08	PRO-HD16
Compression	H.264 (Main Profile)	
Signal Format	NTSC or PAL (Auto Selected)	
Video Input	Composite 8 BNC Inputs	Composite 16 BNC Inputs
Video Output	Composite: 1 (1Vp-p, 75 Ohm)	
Loop Output	8 BNC Looping Outputs	16 BNC Looping Outputs
Spot Output	3 BNC	
Multi Spot Output	1 BNC (1 / 4 / 9 / 16 Channel Display on Spot Monitor)	
VGA Output	1 VGA (Max 1,920 x 1,080p, Variable Resolution)	
HDMI Output	1 HDMI (Max 1,920 x 1,080p, Variable Resolution)	
Max Rec. Rate at CIF	240 FPS	480 FPS
Max Rec. Rate at H.D1	120 FPS	240 FPS
Max Rec. Rate at Full D1	60 FPS	120 FPS
Max Playback Rate at CIF	240 FPS	480 FPS
Video Stream	Dual	
Audio Compression	ADPCM (16 Bit)	
Audio Input	8 Inputs (RCA Jack)	16 Inputs (RCA Jack)
Audio Output	1 Output (RCA Jack)	
Ethernet	10 / 100 / 1,000 Mbps Ethernet (RJ-45)	
PTZ Control	RS-485/422 Serial Port 1 (Terminal Block)	
ATM / POS	RS 232 Serial Port (D Sub Connector)	
Alarm Input	8 (TTL) = NC/NO	16 (TTL) = NC/NO
Alarm Output	8 (TTL) = NC/NO	16 (TTL) = NC/NO
USB Port	4 x USB 2.0 (2 x Front Panel, 2 x Rear Panel)	
Recording Qualities	Super / High / Standard	
Recording Modes	Continuous / Alarm / Motion / Emergency	
Pre-Alarm Recording	up to 3 Hours / User Programmable	
Motion Detection	Yes (22 X 15)	
Playback Speed	X1, X2, X4, X8, X16, X32, X64, Extreme	
Archive File Format	EXE (Video Clip) / JPEG (Still Image)	
NTP Server	Yes	
GMT Time Zone	Yes	
Auto DST	Yes	
Multi Language	English / Danish / Chinese (Traditional) / Japanese / Korean / Italian / Polish / Russian / Chinese (Simplified) / Thai / Turkish / Spanish / French / Czech / German / Persian / Portuguese / Croatian	
3G Communication	MS Windows 6.1 or 6.5 / iPhone / BlackBerry / Android	
Operating System	Embedded Linux	
OS Firmware	Linux OS in Flash Memory	
Emergency Recording Key	Yes	
Primary Storage	SATA Hard Disk Drive (up to 4+1)	
External Storage	e-SATA x2 (Max 8 HDD)	
Maximum Storage	Up to 16TB	
Clip Copy Storage	Built-in Internal DVD-RW, Memory Stick	
Dimension (WxHxD)	430 mm x 88 mm x 380 mm / 16.93 inch x 3.46 inch x 14.96 inch	
Operating Temperature	5°C~40°C / 41°F~104°F	
Operating Humidity	0% ~ 90%	
Power Adapter	Free Voltage 12VDC, 6.67A	
Power Consumption	Max 50W	
Agency Approval	FCC / CE	

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