

## FULL D1 REAL-TIME RECORDING

### PRO 8080 • PRO 1616

- H.264® HIGH COMPRESSION CODEC
- FULL D1 REAL-TIME RECORDING ON ALL CHANNEL
- DUAL VIDEO STREAM - BLAZING FAST REMOTE VIEW
- FULL AUDIO CHANNEL
- 3 SPOT OUT
- INDIVIDUAL PROGRAMMABLE ALARM IN & OUT FOR A VIDEO CHANNEL
- JOG SHUTTLE FOR EASY PLAYBACK CONTROL
- CLIENT WORKS ON WINDOWS 7

## H.264



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



- DVST PRO-8080** 240 fps Display & Recording (Real-time) at Full D1  
8 Ch Video & Loop-Out / 8Ch Audio / 8Ch Alarm-In & Out  
H.264® CODEC / Dual Streaming / Remote View over iPhone
- DVST PRO-1616** 480 fps Display & Recording (Real-time) at Full D1  
16 Ch Video & Loop-Out / 16Ch Audio / 16Ch Alarm-In & Out  
H.264® CODEC / Dual Streaming / Remote View over iPhone

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®)
- E-Map Function Support

	DVST PRO-8080	DVST PRO-1616
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	
VGA Output	1 VGA	
Max Rec. Rate at CIF	240 (NTSC) / 200 (PAL)	480 (NTSC) / 400 (PAL)
Max Rec. Rate at H.D1	240 (NTSC) / 200 (PAL)	480 (NTSC) / 400 (PAL)
Max Rec. Rate at Full D1	240 (NTSC) / 200 (PAL)	480 (NTSC) / 400 (PAL)
Dual Stream	Dual	
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 USB2.0 (2 x Front Panel, 2 x Rear Panel)	
Recording Qualities	Super / High / Standard	
Recording Modes	Schedule / 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	
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)	
Clip Copy Storage	Built-in Internal DVD-RW, Memory Stick	
Dimension (WxHxD)	430 mm x 88 mm x 400 mm / 16.93 inch x 3.46 inch x 15.75 inch	
Operating Temperature	5°C~40°C / 41°F~104°F	
Operating Humidity	0% ~ 90%	
Power Adapter	100 to 240 VAC, 1/2A, 50~60 Hz, Internal 200W	
Power Consumption	Max 70W	
Agency Approval	FCC / CE (EMC, LVD) / UL (NRTL)	

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