

**PRO 4010**  
**PRO 8010**  
**PRO 1610**

- H.264® HIGH COMPRESSION CODEC
- 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

See Remote video on your Smart Phones

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- DVST PRO-4010** 120 fps Display & Recording (Real-time) / 4 Ch Video H.264® CODEC / Dual Streaming / Remote View over iPhone / 4Ch Audio / 4Ch Alarm-In & Out
- DVST PRO-8010** 240 fps Display & Recording (Real-time) / 8 Ch Video H.264® CODEC / Dual Streaming / Remote View over iPhone / 8Ch Audio / 8Ch Alarm-In & Out
- DVST PRO-1610** 480 fps Display & Recording (Real-time) / 16 Ch Video H.264® CODEC / Dual Streaming / Remote View over iPhone / 16Ch Audio / 16Ch Alarm-In & Out

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-4010	DVST PRO-8010	DVST PRO-1610
Compression	H.264 (Main Profile)		
Signal Format	NTSC or PAL (Auto Selected)		
Video Input	Composite 4 BNC Inputs	Composite 8 BNC Inputs	Composite 16 BNC Inputs
Video Output	Composite: 1 (1Vp-p, 75 Ohm)		
Loop Output	4 BNC Loop-out	8 BNC Loop-out	16 BNC Loop-out
Spot Output	3 BNC		
VGA Output	1 VGA		
Max Rec. Rate at CIF	120 (NTSC) FPS 100 (PAL) FPS	240 (NTSC) FPS 200 (PAL) FPS	480 (NTSC) FPS 400 (PAL) FPS
Max Rec. Rate at H.D1	120 (NTSC) FPS 100 (PAL)* FPS	120 (NTSC) FPS 100 (PAL) FPS	240 (NTSC) FPS 200 (PAL) FPS
Max Rec. Rate at Full D1	60 (NTSC) FPS 50 (PAL) FPS	60 (NTSC) FPS 50 (PAL) FPS	120 (NTSC) FPS 100 (PAL) FPS
Dual Stream	Dual		
Audio Input	4 Inputs (RCA Jack)	8 Inputs (RCA Jack)	16 Inputs (RCA Jack)
Audio Output	1 Output (RCA Jack)		
Ethernet	10 / 100Mbps Ethernet (RJ-45)		
PTZ Control	RS-485/422 Serial Port 1 (Terminal Block)		
ATM / POS	Up to 4 Channels Over USB		
Alarm Input	4 (TTL) = NC/NO	8 (TTL) = NC/NO	16 (TTL) = NC/NO
Alarm Output	4 (TTL) = NC/NO	8 (TTL) = NC/NO	16 (TTL) = NC/NO
USB Port	4 x USB (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 / Czecko / 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 3+1 or 4+0)		
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, 5A		
Power Consumption	Max 37W		
Agency Approval	FCC / CE		

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