

## H.264 HYBRID Pentaplex Digital Video Recorder with Network/DDNS Video Server

**DVR4TH2** \*  
 4 Channel Pentaplex H.264 DVR

**DVR8TH2** \*  
 8 Channel Pentaplex H.264 DVR

**DVR16TH2** \*  
 16 Channel Pentaplex H.264 DVR



Remote & Rack Ears Included

### Features

**EZ Record:** set the number of days you want to record and the DVR takes care of the rest  
**EZ Copy:** auto copy what you are playing onto a DVD/RW or USB flash drive  
**EZ Set-Up:** for quick installation

- Free Speco DDNS server for use with dynamic IP addresses
- Hybrid Operation: Up to 4 channels with popular protocols supported including Speco, SIP, ACTi, Axis, Sony, Vivotek, Hunt, Sanyo & others
- Selectable H.264, MPEG4, or MJPEG compression
- POS/ATM support with text overlay and searchable database
- Pentaplex operation enabling simultaneously view live or playback while continuing to record & network transfer
- Remote monitoring, recording, playback, change system settings and dome camera control via network and/or internet
- Jog shuttle for easy operation
- up to 16 DVRs
- Recording rate up to 120pps
- 4/8/16 channels of audio input
- 3/7/15 channels of 2-way audio
- Supports 3 SATA HDDs
- Dedicated Gigabit NIC for NAS storage expansion
- DVD/RW Standard for video clip exporting
- USB 2.0 port for video clip exporting, supports USB Thumbdrive
- Configurable per channel normal and event recording frame rate & picture quality or globally via EZ record
- Free Central Management System (CMS) software allows viewing of 256 simultaneous channels on a PC
- Email notification of alarm events
- Per channel built-in dome camera protocol (through RS485): including Pelco D, Pelco P, Panasonic, Panasonic C, AD422, Fastrax, JVC
- Automatic camera detection (Plug & Play)
- Digital Zoom 2 x 2 in live mode and playback enhanced security and administrator control
- Dynamically programmable recording priority, detection, alarms and scheduling
- Programmable call-monitor switching sequence
- Up to 30 second pre-alarm recording
- USB mouse and keyboard supported
- Rack ears included
- Multiple language on-screen menus
- Password to secure installation with 8 configurable user authentication levels
- Network software supports static IP, DHCP, PPPoE & DDNS • Network hardware supports 10/100/1000 NIC
- Dimensions: 4 7/8" H X 17 1/4" W X 16 3/4" D
- Weight: 18.45 lbs. with 1 HDD (HDD weighs 1 lb.)
- Power Consumption: Start up @ 90W, Running @ 60W
- HDD size: 250GB, 1TB, 2TB and 3TB configurations
- Operating temperature: 14° F to 120° F

\*Standard DVR comes with a 250GB HDD. Other configurations available up to 3TB internal.

### Package

DVR User's manual	Software ROM	CD- Rack	3Year Limited Warranty IR Remote Control
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# Specifications: 4, 8 or 16 Channel H.264 Pentaplex DigitalVideo Recorder with 250GB HDD

	MODEL NAME	DVR4TH250	DVR8TH250		
<b>Video</b>	Operation System	Embedded (Linux)			
	Video Standard	NTSC/PAL switch			
	Video Operation	Pentaplex+ (Live, Record, Playback, Remote, and Internet access) Resolution – LiveVideo			
	Input	BNC x 4, 1.0Vp-p/75 ohm	BNC x 8, 1.0Vp-p/75 ohm	BNC x 16, 1.0Vp-p/75 ohm	
	Outputs	Main Monitor	VGA x 1, BNC x 1, S-Video x 1, 1.0Vp-p/75 ohm		
		Call Monitor	BNC x 1 1.0Vp-p/75 ohm		
		Looping	BNC x 4, 1.0Vp-p/75 ohm	BNC x 8, 1.0Vp-p/75 ohm	BNC x 16, 1.0Vp-p/75 ohm
	VGA Output	800 x 600, 1024 x 768, 1280 x 1024 pixels @ 60Hz, 75Hz			
	Picture Refresh Rate (LiveView)	NTSC: 480 PPS (16 CH) / PAL: 400 PPS (16 CH)			
	Digital Zoom (Live & Playback)	2 x 2			
	Camera Installation	Plug & Play			
<b>Audio</b>	Input	4, Line-In	8, Line-In	16, Line-In	
	Main Output	RCA x 1, Line-Out			
	Output	4, Line-Out	8, Line-Out	16, Line-Out	
	2-Way Audio	3/7/15 Channels Supported			
	Recording Mode	Always Real Time Record, Synchronized			
	w/Video Compression Method	ADPCM, G.726			
	File Size	8KB/Sec.			
	Operation	Local and Remote			
	Playback	Only for Video Original Speed			
<b>Search Playback</b>	Compression Method	H.264 / MPEG4 / MJPEG			
	Recording Mode	Schedule, Alarm, Motion			
	Detection Pre-Alarm	0~30 sec			
	Resolution & fps	NTSC	720x480:	30	
			720x240:	60	
	Recording Quality	8 levels presets, adjustable			
	Image Size	2K to 24K Byte/picture			
	Storage Mode	Linear/Circular			
	Playback	Play, Stop, Pause, Rewind, Forward, Adjustment Yes 1X, 2X...32X			
	Retrieve	Date/Time, Event Playback			
Data LifeTime	Yes (Programmable)				
<b>Storage</b>	Built-in Storage	X4 SATA, HDD/DVD+RW			
	Built-in HDD	Up to 3 built-in HDDs (3TB max.)			
	External Storage	NAS via GB NIC			
	Export	USB2.0 ports, X4, support ThumbDrive®, or DVD+RW			
<b>Alarm</b>	Alarm Input	X4, Terminal Block	X8, Terminal Block	X16, Terminal	
	Block Alarm Detection	N.C./N.O., Programmable			
	Auditory Alert	Built-in Buzzer			
	Motion Detection	15 X 11 Grid Array, Sensitivity, Trig			
	Level	Adjustable Video Loss Detection			
		Programmable			
	Alarm Relay Output (Programmable)	X2, Terminal Block, 1.0A/24V			
	Network Connectivity	Ethernet RJ-45 connector, 10/100/1000Mbps, supports DHCP/PPPoE/DDNS			
	Remote Control Software Access Remote	SpecoRemote™ / CMS 8 Levels			
	RS232C	D-sub 9 pin			
	female RS485	Terminal Block			
	Dome Control Protocol	Pelco D, Pelco P, Panasonic, Panasonic C,		AD422,	
	Fastrax, JVC				
IP Cameras	Up To 4 Channels				