speco technologies®
simply unique.

DVR4TH250[*]   4 Channel Hybrid Pentaplex H.264 DVR
DVR8TH250[*]   8 Channel Hybrid Pentaplex H.264 DVR
DVR16TH250[*]   16 Channel Hybrid Pentaplex H.264 DVR

*Standard DVR comes with a 250GB HDD - other configurations available up to 6TB internal**

Available with per camera
Digital Deterrent™
Audio For Security or Retail Applications

Features

• Free Speco DDNS server for use with dynamic IP addresses
• Mac® & PC compatible software included
• Hybrid Operation: Up to 4 channels with popular protocols supported including Speco Internet Protocol (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 simultaneous live view 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
• Real Time live display
• Remote control included - individually control up to 16 DVRs
• Rack ears included
• Recording rate up to 480 fps
• 4/8/16 channels of audio input
• 3/7/15 channels of 2-way audio
• Supports 3 Sata HDDs
• Digital output via HDMI cable
• DVD/RW Standard for video clip exporting
• USB 2.0 port for video clip exporting, supports USB Flash drives
• Easy software upgrade via Network, USB Flash Drives, or CD/DVD
• 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, AD422, Fastrax, JVC
• Automatic camera detection (Plug & Play)
• Digital Zoom 2 x 2 in live mode and playback
• Covert camera operation provides enhanced security, administrator control
• Dynamically programmable recording priority, motion detection, alarms and scheduling
• Programmable call-monitor switching sequence

Remote & Rack Ears Included

• Auto reboot feature: on/off
• Up to 30 second pre-alarm recording
• USB mouse and keyboard supported
• 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, 3TB and 4TB configurations**
• Operating temperature: 14° F to 120° F
• UL Listed
• 3 year warranty

**6TB maximum if DVD/RW is removed

Speco Technologies is constantly developing product improvements.
We reserve the right to modify product design and specifications without notice and without incurring any obligation.   Rev. 2/18/10

MODEL NAME			DVR4TH250	DVR8TH250	DVR16TH250
Video	Operation System		Embedded (Linux)		
	Video Standard		NTSC / PAL switch selectable		
	Video Operation		Pentaplex+ (Live, Record, Playback, Remote, and Internet access)		
	Resolution – Live Video		NTSC: 720 x 480 pixels PAL: 720 x 576 pixels		
	Input		BNC x 4, BNC x 1 1.0Vp-p / 75 Ohm	BNC x 8, BNC x 1 1.0Vp-p / 75 Ohm	BNC x 16, BNC x 1 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, BNC x 1 1.0Vp-p / 75 Ohm	BNC x 8, BNC x 1 1.0Vp-p / 75 Ohm	BNC x 16, BNC x 1 1.0Vp-p / 75 Ohm
	VGA Output		800 x 600, 1024 x 768, 1280 x 1024 pixels @ 60Hz, 75Hz		
	Digital Output		Via HDMI cable		
	Picture Refresh Rate (Live View)		NTSC: 480 PPS (16 CH) / PAL: 400 PPS (16 CH)		
	Digital Zoom (Live & Playback)		2 x 2		
	Camera Installation		Plug & Play		
Audio	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		
Recording	Compression Method		H.264 / MPEG4 / MJPEG		
	Recording Mode		Schedule, Alarm, Motion Detection		
	Pre-Alarm		0~30 Sec.		
	Resolution & Rate	NTSC 720x480:	120 fps in MPEG-4 & MJPEG, 60 fps in H.264		
		720x240:	240 fps in MPEG-4 & MJPEG, 120 fps in H.264		
		352x240:	480 fps in MPEG-4 & MJPEG, 240 fps in H.264		
	Recording Quality		8 levels presets, adjustable		
	Image Size		2K to 24K Byte / picture		
	Storage Mode		Linear / Circular		
Playback	Playback		Play, Stop, Pause, Rewind, Forward, Search		
	Playback Speed Adjustment		Yes 1X, 2X...32X		
	Retrieve		Date / Time, Event Playback		
	Data Life Time		Yes (Programmable)		
Storage	Built-in Storage		X4 SATA, HDD / DVD+RW		
	Built-in HDD		Up to 3 built-in HDDs (3TB max.)		
	External Storage		USB HDD		
	Export		USB 2.0 ports, X4, supports ThumbDrive®, DVD+RW		
Alarm	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		X2, Terminal Block, 1.0A / 24V (Programmable)		
Commun-ication	Network Connectivity		Ethernet RJ-45 connector, 10/100/1000Mbps, supports DHCP/PPPoE/DDNS		
	Remote Control Software		SpecoRemote™ / CMS		
	Access Remote		8 Levels		
	Remote Operation		Monitoring, Playback, Recording, System Setup, Dome Camera Control, Remote Burn		
	RS232C		D-sub 9 pin female		
	RS485		Terminal Block		
	Dome Control Protocol		Pelco D, Pelco P, AD422, Fastrax, JVC		
	IP Cameras		Up To 4 Channels		
	IP Camera Protocols		Speco Internet Protocol (SIP), Xvision, ONVIF, AMTK, Luxon, Sanyo, Hunt, Acti, Sony, Axis 200, Vivotek 7000		

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