speco technologies®

240/480fps Triplex Digital Video Recorder Family with Network/DDNS Video Server

Supercharged!
DVR-16TS/750*

16 Channel Triplex MPEG-4 DVR
240fps

Turbo!
DVR-16TT/750*

16 Channel Triplex MPEG-4 DVR
480fps - features real time recording

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 CD/RW or USB flash drive

EZ Set-Up: for quick Installation

- Recording Rates: 240 & 480fps
- Free DDNS server for use with dynamic IP addresses
- Email notification of alarm event
- MPEG-4 high quality compression, 5~10 times smaller than MJPEG
- Triplex operation enabling simultaneous view live or playback while continuing to record & network transfer
- Remote monitoring, recording, playback, change system settings and dome camera control via Ethernet and/or Internet
- Jog shuttle for easy operation
- Real Time live display (DVR-16TT only)
- IR Remote control included
- 1 Channel in out for audio recording
- 1 Optical drive + up to 3 internal HDD
- Extended storage up to 3TB
- Built-in CD-RW or DVD+RW for video clip exporting
- USB 2.0 port for video clip exporting, supports USB thumb drive
- Easy software upgrade via Network, USB Thumb Drive, or CD-RW
- Configurable normal and event recording frame rate & picture quality per channel or globally via EZ record

- Multiple built-in dome camera protocol (through RS485): including Pelco D, Pelco P, AD422, Fastrax, DynaColor, JVC
- Automatic camera detection (Plug & Play)
- Digital Zoom 2 x 2 in live mode
- Covert camera operation provides enhanced security and administrator control
- Dynamically programmable recording priority, motion detection, alarms, and scheduling
- Programmable call-monitor switching sequence
- Up to 30 sec pre-alarm recording
- USB mouse support for user-friendly operation
- Multiple language on-screen menus
- Password to secure installation authorization
- Network software supports static IP, DHCP, PPPoE and DDNS
- Network hardware supports 10/100M bps
- Dimensions: 4 7/8" X 17 1/4" X 16 3/4"
- Weight: 18.45 lbs with 1 HDD (HDD weigh 1 Lbs)
- Power Consumption: Start up @ 90 Watts, Running @ 60 Watts
- Heat Dissipation: 3.42 BTU/Minute
- HDD size: 750GB, 1.5TB, 2.25TB)
- Operating temperature: 14° F to 120° F

* Standard DVR comes with a 750GB HDD. Other configurations available up to 2.25 TB internal

Package Includes:

DVR	Software CD-ROM	3 Year Limited Warranty
User Manual	Power Supply	IR Remote Control

Specifications subject to change

Specifications: 4, 8 or 16 MPEG-4 Triplex Digital Video Recorder with 160GB HDD

	MODEL NAME		DVR-16TS/750	DVR-16TT/750
Video	Operation System		Embedded (Linux)	
	Video Standard		NTSC/PAL switch	
	Video Operation		Triplex+(Live, Record, Playback , Remote, and Internet access)	
	Resolution – Live Video		NTSC: 720 x 480 pixels	
	Input		BNC x 16, 1.0Vp-p/75 ohm	
	Outputs	Main Monitor	BNC x 1, S-Video x 1, 1.0Vp-p/75 ohm	
		Call Monitor	BNC x 1, 1.0Vp-p/75 ohm	
		Loop	BNC x 16, 1.0Vp-p/75 ohm	
	VGA Output		800 x 600, 1024 x 768, 1280 x 1024 pixels @ 60Hz	
	Live Picture Refresh Rate		NTSC: 480 PPS(16CH)	
	Digital Zoom		2 x 2	
	Camera Installation		Plug & Play	
Audio	Input		RCA x 1, Line-In	
	Output		RCA x 1, Line-Out	
	Recording Mode		Always Real Time Record, Synchronized w/ Video	
	Compression Method		ADPCM, G.726	
	File Size		8KB/Sec	
	Operation		Remote + VCR mode	
	Playback		Only for Video Original Speed	
Recording	Compression Method		MPEG-4 Advanced Simple Profile	
	Recording Mode		Continuous, Schedule, Alarm, Motion Detection	
	Pre-Alarm		0~30 sec	
	Resolution & Rate	NTSC	720x480: 60 pps 720x240: 120 pps 360x240: 240 pps	120 pps 240 pps 480 pps
		PAL	720x576: 50 pps 720x288: 100 pps 360x288: 200 pps	100 pps 200 pps 400 pps
	Recording Quality		8 levels presets, adjustable	
	Image Size		2K to 20K 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	
	Data Life Time		Yes (Programmable)	
Storage	Built-in Storage		X2 ATA 133 / UDMA 133 IDE, HDD/CD-RW/DVD+RW	
	Built-in HDD		Up to 3 built-in HDDs	
	External Storage		X2 IEEE 1394 ports	
	Export		X3 USB2.0 ports, support ThumbDrive®, CD-RW, or DVD+RW	
Alarm	Alarm Input		X16, Terminal Block	
	Alarm Detection		N.C./N.O., Programmable	
	Auditory Alert		Built-in Buzzer	
	Motion Detection		21 X 13(NTSC), 21 X 16(PAL) Grid Array, Sensitity, Trig Level Adjustable	
Communication	Video Loss Detection		Programmable	
	Alarm Relay Output		X2, Terminal Block, 1.0A/24V (Programmable)	
	Network Connectivity		Ethernet RJ-45 connector, 10/100Mbps, supports DHCP/PPPoE/DDNS	
	Remote Control Software		Internet Explorer	
	Access Control		2 Level Password	
	Remote Operation		Monitoring, Playback, Recording, System Setup, Dome Camera Control	
	RS232C		D-sub 9 pin female	
	RS485		Terminal Block	
	Dome Control Protocol		DynaColor, Pelco P, Pelco D, AD422, Fastrax, JVC, DynaColor	