Video Security

DTR-2016/750CD
Digital Video Recorder (16-Channels)
750GB HDD, CD-RW Drive, Ethernet,230VAC

Art-No. 71948

Features

MPEG-4 Video Compression / Duplex Operation	**SCSI Port for Archiving / Memory Extention**
16 Loop-through Inputs / VGA, Comp./S-VHS Outputs	**Various Recording Modes**
Audio and Alarm Inputs / Outputs	**Secondary Storage / Archiving via USB and CD-RW**
Recording Speed: 100 Fields/Sec. max. (PAL)	**ATM/POS Text Insertion / 2x to 4x Digital Zoom**
750Gbyte EIDE HDD's (No HDD extention possible)	**PTZ Control and Remote Control through RS-485 Port**
Video Resolution 720x576 Pixels max.	**Ethernet Connectivity / IR Remote Control**

Specifications

Video standard	PAL/NTSC (auto detection)
Remarks	Recommended LCD Monitors: s. Accessories
Event Logs	No limit for alarm-in, motion, video loss, text-in
Security	Key lock, 64 user groups access rights programmable for each group (up to 256 user)
Transmission rate (Network)	100 Fields/sec. max (PAL)
Alarm notification	E-Mail, Remote SW (RAS plus)
Alarm processing	Programmable automatic alarm multiscreens
Remote control	Wireless remote control enabled
Text insertion interface	ATM/POS, 10 chann. max.
Monitor display	Real time: 25 Fields/sec. (PAL), 30 Fields/sec. (NTSC) per camera
Covert camera operation	Pogrammable
Time synchronization	Via Network time protocol. Operation as Network time server
System logs	Up to 5,000 for user login/out, config. changes, remote access, connects/disconnects and errors, disk read and write errors
Zoom function	2x~4x

DTR-2016/750CD

(Specifications continued)

Playback	1, 4-, 9-, 16-channel Split, PIP
Post-alarm recording	Up to 15min.
VGA	For monitors with Multi Sync Function only
Serial interface	RS-485 for telemetry control (proved protocols: eneo-Fastrax, Pelco P/D) or remote keyboard control
Activity detection	16x16 grid, Sensitivity levels: 5, Discrimination size: 256 levels
Simplex/Duplex/Triplex/Pentaplex operation	Duplex
Video inputs	16x 1Vp-p, (C)VBS, 75ohms, BNC, looping inputs
Monitor outputs	4x Spot 1Vp-p, (C)VBS, 75ohms, BNC
Video output	1x 1Vp-p, (C)VBS, 75ohms, BNC; 1x Y/C, Y= 1Vp-p, C= 0.3Vp-p, 75ohms
Audio input	4x line-in, RCA socket
Audio output	1x line-out, RCA socket
Resolution	720x576 Pixels (Display)
Compression standard	MJPEG advanced compression engine provides smaller data size without significant picture quality distortion
Recording speed	100 Fields/sec. at CIF (336x272 Px. / PAL), 50 Fields/sec. at 2CIF (672x272 Px. / PAL)
Image size	Low: 2/2.4KB, Standard: 4/4.8KB, High: 8/9.6KB, Very high: 12/14.4KB (NTSC/PAL). 2x bigger at high resolution mode
Hard disk capacity	750GByte ATA HDD's
Playback speed	100 Fields/sec. at CIF (336x272 Px. / PAL) and duplex
Secondary Storage	via USB 2.0, SCSI Interface, or built-in CD-RW writer. Network Data Export: Clip Player, AVI, JPG, BMP
Alarm inputs	16x TTL, programmable as NC/NO
Alarm outputs	16x TTL, open collector (terminal block)
Alarm reset input	2~4 TTL (terminal block)
Alarm out	On system and disk fail
Pre-alarm recording	Up to 30min.
Digital storage media	ATA-2 (EIDE) HDD's, Built-in CD-RW
Archiving	With EIDE, SCSI and USB HDD's. Real-time mirroring
Menu languages	German, English, Italian, French, Spanish, Polish, Russian, Czech, Hungarian
Ethernet interface	10Base-T/100-Base-TX, RJ-45
Remote Software	For remote administration and search function (RAS plus supplied with the unit)
Interfaces	3x USB, 1x RS-485, 1x RS-232 (Remote control via modem), 1x SCSI port for memory extension
Supply voltage	100VAC~230VAC, 50/60Hz
Power consumption	Approx. 150watts
Temperature range	5°C ~ +40°C
Housing	Steel metal with plastic front, desktop design
Colour	Pantone 427C
Dimensions (HxWxD)	88x430x405mm
Weight	10.2kg

DTR-2016/750CD

(Specifications continued)

Parts supplied	IR Remote control unit, 19" Rack mount kit, Mains cable, Viewer CD ROM (RAS plus), Manuals

Accessories

71857 / HDD-250	Hard Disk Drive 250GB for DLR/DXR/DTR/ DCR and BTR Series
71919 / HDD-500	Hard Disk Drive 500GB for DLR/DXR/DTR/ DCR and BTR Series
74088 / EDC-KBD1	System Keyboard with 3-axis Joystick, 12VDC/230VAC
74092 / EDC-KBDM-3	System Keyboard w. Joystick, 5" Monitor 12VDC/230VAC, Fastrax Protocol
71902 / DVR-MOUSE	USB Mouse for Recorder Series DTR (DXR), DPR and DLR3
90392 / VMC-15LCD-P	15" LCD Professional Colour Monitor,1024 x768, Comp.,Y/C,RGB,2Audio, 12VDC/230VAC
90393 / VMC-17LCD-P	17" LCD Professional Colour Monitor,1280 x1024,Comp.,Y/C,RGB,2Audio, 12VDC/230VAC
90430 / VMC-19LCD-P	19" LCD Profession. Colour Monitor, 1280 x1024Px., Comp., Y/C, RGB, 12VDC/230VAC
90443 / VMC-17LCD-PP	17" LCD Colour Monitor, 1280x1024 Pixels Comp.,Y/C, RGB, 2x Audio, 12VDC/230VAC
90467 / VMC-32LCD-PW	32" Prof. 16:9 TFT Colour Monitor, 4x CVBS, Y/C, RGB, 2x Audio, 100-240VAC
90476 / VMC-23LCD-PW1	23" Prof. 16:9 LCD Colour Monitor, 4x CVBS, Y/C, RGB, 2x Audio, 24VDC/230VAC
71970 / TS-H652D	CD/DVD Writer DVD+R 48x/18x, CD/DVD ROM for Built-in DTR Series

Product Information

The DTR-2000 series Duplex recorders feature a very efficient compression method (MPEG-4) and a high record and playback speed. As a result they only take up approximately 12K for one best quality image, which is significantly less than comparable models. As storage capacity can be expanded to up to 3 Hard Disks, recording long periods of time is no problem. Recorders of the DTR-2000 series are network compatible and are equipped with supporting remote software. This software enables access to live pictures and recorded images in single or multi-image mode without interrupting recording. For quick and easy archiving a CD writer is integrated.

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