DR8T/DR16T

AVE
AMERICAN VIDEO EQUIPMENT

Triplex DVR

The DRT series DVRs are designed for general surveillance use where extra storage and flexibility in archiving video is a must (2x500 GB removable Hard Drives!). It packs all the features that are in demand and has a few extras unique to AVE. Comes standard with CD Burner and USB slot (for thumb drive) for easy export of video events.

Features and Capabilities

- 8/16 Channel Triplex DVR
- LAN Ready
- Compression: MPEG4 (5-10X smaller than MJPEG)
- Maximum 1.0TB HDD capacity via 2 Internal HDD's
- Recording Rate: 120pps
- Built-in CD-RW for video clip exporting
- 2 channels, in & out, for audio recording
- USB port for video clip exporting, support USB thumb drive, external CD-RW
- Export AVI files (viewable via Microsoft Media Player on any PC with DivX decoder installed)

- Automatic camera detection (Plug & Play)
- Digital zoom 2x2 in live mode and exported video.
- Convert camera operation provides enhanced security & administrator control
- ezBurn & ezRecord technology allows for easy download and export ot recorded video
- Pre-Alarm recording up to 30 seconds
- Search by event, Time, Text Sting, Amount of transaction, and motion.
- PTZ control on front panel

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Specifications

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Video

Operation System	Embedded (Linux)
Video Stand	NTSC/PAL Switch Selecyable
Video Operation	Triplex+ (Live, Record, Playback, Remote, and Internet access)
Resolution- Live Video	NTSC: 720x480 pixels; PAL: 720x576 pixels
Input	BNCx16, 1.0Vp-p/75 ohm
Main Monitor Output	BNCx1, S-Videox1, 1.0Vp-p/75 ohm
Call Monitor Output	BNCx1, 1.0Vp-p/75ohm
Loop Output	BNCx8 or BNCx16, 1.0Vp-p/75ohm
VGA Output	800x600, 1024x768, 1280x1024 pixels @ 60Hz (Optional)
Picture Refresh Rate	NTSC: 480PPS (16 CH); PAL: 400PPS (16 CH)
Digital Zoom	2x2
Camera Installation	Plug & Play

Audio

Input	RCAx1, Line-In
Output	RCAx1, 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	Schedule, Alarm, Motion Dection
Resolution & Rate	NTSC:30PPS@720x480pixels,60PPS@ 720x240 pixels,120PPS@360x240pixels; PAL:25PPS@720x576 pixels, 50PPS@ 720x288 pixels, 100PPS@360x288 pixels
Recording Quality	5 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

Storage

Built-in Storage	X2 ATA 133/UDMA 133 IDE, HDD/CD-RW
Built-in HDD	Up to 2 built-in HDDs
Export	X3 USB2.0 ports, support ThumbDrive® and CD-RW

Alarm

Alarm Input	X16, Terminal Block
Alarm Detection	N.C./N.O., Programmable
Auditory Alert	Built-in Buzzer
Motion Detection	21x13 (NTSC), 21x16 (PAL) Grid Array, Sensitivity, Trig Level Adjustable
Video Loss Detection	Programmable
Alarm Relay Output	X2, Terminal Block, 1.0A/24V

Communication

Network Connectivity	Ethernet RJ-45 connector, 10/100Mbps
Remote Control Software	DVR Remote
Access Control	2 Level Password
Remote Operation	Monitoring, Instant Recording, Dome Camera Control
RS485	Terminal Block
Dome Control Protocol	DynaColor, Pelco P, Pelco D, AD422, Fastrax 2

General

Unit Dimension (WxHxD)	440x90x345mm (17.3x3.45x13.58in)
Unit Weight	5.7Kg (12.56lbs) w/CD-RW
Package Dimension (WxHxD)	590x210x460mm (23.2x8.27x18.1 in)
Operation Temperature	0ºC - 40ºC (32ºF - 104ºF)
Relative Humidity	5% - 85% Non-condensing
Power Consumption & Input	AC 100 ~ 240V, 50-60Hx, 80W