

M-JPEG Triplex Network

TongSon

4 CH Stand-Alone Digital Video Recorder

Model No.: DVR-3024

Built-in Hot Swappable Removable HDD



Features:

- ⊙ Non-PC based DSP hardware with proprietary system firmware.
- ⊙ Full triplex operation allows live viewing/ video recording/ playback and network access simultaneously.
- ⊙ Pre-alarm image recording.
- ⊙ Refresh rate up to 30 FPS(NTSC) or 25 FPS(PAL) per channel.
- ⊙ Compression: Motion JPEG.
- ⊙ Quick search.
- ⊙ Fast and slow playback of recorded video at various speeds.
- ⊙ Single-picture playback.
- ⊙ Remote control via the RS-232, RS-485 and Ethernet ports.
- ⊙ Motion detection.
- ⊙ Auto power interruption recovery.
- ⊙ Remote viewing of live and recorded images through TCP/IP network environment.
- ⊙ Audio function included (16 bits, 11 / 22 kHz, μ -law).
- ⊙ Built-in SD memory card slot to save JPEG/AVI image(s) to an SD memory card.
- ⊙ Daylight saving setting.
- ⊙ Controls multiple brand Pan/Tilt/Zoom cameras through network and RS-485.

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Specification:

Model No.	DVR-3024
Operation Mode	Triplex (Live, Play, Record and Network Simultaneous)
Resolution	NTSC: 720x480 pixels; PAL: 720x576 pixels
Video In	Composite Video In (BNC) x 4
Video Out	Looping(BNC) x 4 ; Main Monitor(BNC) x 1
Audio In/Out	Line In / Out (RCAx2), 11 / 22kHz, μ-law
Compression	MJPEG
Storage Media	>600 Gb / 1 Fixed and 1 Removable HDD
Memory Card	SD Card(JPEG / AVI)
Archive	Hot Swappable Removable HDD / SD Card
Watermark	Digital signature
Recording Rate	NTSC: 30 frames per second(720x480) ; PAL: 25 frames per second(720x576)
Image Size	Best (40KB) / High (32KB) / Standard (24KB) / Basic (16KB)
Recording Mode	Schedule / Manual / Alarm / Circular
Alarm Recording	Pre-Alarm / Post-Alarm
Pre-alarm Recording	50 Pictures
Playback Speeds	Frame Stepping, 1/16X, 1/8X, 1/4X, 1/2X, 1X, 2X, 4X, 8X, 16X, 30X, 100X
Record Search	Alarm / Time / Event list / Filter(Thumbnail)/ SD card
Language	English / Chinese(T)
Channel Display	Channel / Title / Time & Date / Alarm / Error
Set-up Menu	Multi-layer / Network setting
Log List	2048 records
Alarm In/out	4 Alarm Input / 1 Alarm Output
Motion Detection	Yes
Built In Buzzer	Yes
Communication Port	RS-232, RS-485
Network Interface	Ethernet (RJ-45 wired, 10/100 base-Tx)
Network Protocol	TCP/IP, DHCP, HTTP, FTP,UDP
Software Upgrade	Upgradeable via Memory card (SD Card)
Password Protection	Operation / Menu Setup / Remote Access
Power Supply	Input: 100-230V, 50/60 Hz; Output: DC12V max 5A: (AC adapter)
Dimensions	220 x 94 x 340 mm EIA 19" 2U Half Size Mountable
Operating Temperature	5 - 40 °C(41 -104 °F)

※Design and specifications are subject to change without notice