

M-JPEG Triplex Network

TongSon

9 CH Stand-Alone Digital Video Recorder

Model No.: DVR-3229

120/100 fps / USB / SD / Hot Swappable

Removable HDD Tray



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: 5 seconds.
- ⊙ Multiscreen display: assignable for each multiscreen.
- ⊙ Refresh rate up to 120 field/sec for 720X240 (NTSC) or 100 field/sec for 720X288 (PAL).
- ⊙ Compression: Motion JPEG.
- ⊙ Channels specify the alarm record rates: normal, double, interleave, and exclusive.
- ⊙ Quick search by Event list/ Time/ Alarm list/ Filter/ Thumbnail/ SD card/ USB flash disk.
- ⊙ Fast and slow playback of recorded video at various speeds.
- ⊙ Covert camera recording.
- ⊙ Schedule setting: 8 schedules in total.
- ⊙ Remote control via the RS-232, RS-485 and Ethernet ports.
- ⊙ Motion detection option parameters: sensitivity, detection area, size, duration, and track direction.
- ⊙ Auto power interruption recovery.
- ⊙ Remote viewing of live and recorded images through TCP/IP network environment.
- ⊙ Three audio quality levels (8/ 22/ 44 kHz sampling, μ -law).
- ⊙ Built-in SD memory card slot to save JPEG/AVI image(s) by channel to an SD memory card.
- ⊙ Daylight saving setting.
- ⊙ Controls multiple brand Pan/Tilt/Zoom cameras through network.

TongSon Electronic Co., Ltd.

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Specification:

Model No.	DVR-3229
Operation Mode	Triplex (Live, Play, Record and Network Simultaneous)
Resolution	NTSC: 720x240 pixels; PAL: 720x288 pixels
Video In	BNC x 9
Video Out	Main (BNC), Spot (BNC), Looping(BNC) x 9
Audio In/Out	Stereo, Line In / Out (RCAx4), 8kHz / 22kHz / 44kHz, μ-law
Compression	MJPEG
Storage Media	>2250Gb / 2 Fixed HDD and 1 Removable HDD
Archive	Hot Swappable Removable HDD / SD Card / USB flash disk
Watermark	Digital Signature
Recording Rate	NTSC: 120 fps ; PAL: 100 fps
Image Size	Best (40KB) / High (32KB) / Standard (24KB) / Basic (16KB)
Recording Mode	Schedule / Manual / Alarm / Circular
Pre-alarm Recording	5 Seconds
Playback Speeds	Jog/Shuttle dial access Fast forward / reverse : 1X, 2X, 4X, 8X, 16X, 30X, 100X Slow forward / reverse : 1/2X, 1/4X, 1/8X, 1/16X, 1/30X, 1/100X and pause
Record Search	Event list/ Time/ Alarm list/ Filter/ Thumbnail/ SD card/USB flash disk
Zoom	2X
Motion Detection	Advanced MD (Zone, Position, Sensitivity)
OSD	Cam title(9 char.)/ Time & Date / Mode / Error Message
Log List	2000 records operation log
Alarm In/out	9 Alarm Input / 3 Alarm Output
Built In Buzzer	Yes
Communication Port	RS-232, RS-485
Network Interface	Ethernet (RJ-45 10/100 base-Tx)
Network Protocol	TCP/IP, DHCP, HTTP, ARP, UDP, DynDNS
Software Upgrade	Upgradeable via Memory card (SD Card) or USB flash disk
Password Protection	Operation / Menu Setup / Remote Access
Power Supply	Input: 100-230V, 50/60 Hz; Output: DC12V max 5A: (AC adapter)
Dimensions	Mountable 430 x 55 x 405 mm EIA 19"
Operating Temperature	5 - 40 °C(41 -104 °F)
Regulation	FCC / CE / RoHS

※ Design and specifications are subject to change without notice

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