



OVERVIEW

H.264 DVR with Internet Access. This is called by some CCTV veterans "the best kept secret of the CCTV industry"!

The PS-MOTOROLA series uses H.264 compression technology based on the embedded **Motorola high speed microprocessor**. This compression allows for clean viewing on the Internet over narrow bandwidth and dramatically increases storage space. This is one of only a select few DVRs on the market that have synchronized audio/video real time (30 fps/NTSC or 25 fps/PAL) recording on every channel – 480 fps/NTSC or 400 fps/PAL on a 16-ch unit.

This digital video recorder contains advanced web access, system integration and synchronized audio and video recording features that are suitable for various types of professional installations, stores, warehouses, homes, government agencies, education facilities, etc.

MAIN FEATURES AT A GLANCE

- * Embedded High-Speed Motorola Microprocessor & RTOS
- * H.264 Compression. Black Fin Video Processors
- * Ethernet Connection Port for LAN, WAN and Internet

- * USB HDD & Flash disk support for backup
- * IR Remote Control
- * D1 resolution for live view and playback
- * 30 frame per second synchronized video and audio recording
- * Two way audio
- * Motion detection on every channel
- * Direct network access using IE Browser
- * Central management software for viewing/managing multiple DVRs

MAIN FEATURES

These Digital Video Recorders are professional grade industrial strength devices offer:

Cutting Edge Technology

Based on Vxworks system, H.264 compression technology. Multiplex operations: live view, recording, remote access, playback

Reliability

Embedded DSP design, dedicated hardware compression. Motorola® main processing chips. Analog Devices BlackFin® video processors. Real-time Operating System for 24x7 continuously running. Metal casing and efficient heat disperse design for durability.

Superior Image Quality

Live view and playback up to D1 (720×480 NTSC/704×576 PAL)

Network Capability

Access full system features over the internet through IE browser or the Remote Monitor Software.

Flexibility

Easy to use Graphical User Interface. Full control on scheduling, recording, motion detection as well as network access. Instant record search. Multiple ways of record backup. Support all major CCTV industry protocols.

Richest Feature Set

Alarms input/output; Remote control; USB mouse connection; CD or DVD burners; Multi-level users. Privacy control; Multiple-DVR manage software; rack mountable; ... the list goes on.

VIDEO	
CPU	MOTOROLA Duo CPU
DSP	BlackFin Video Processor
Format	NTSC/PAL
Compression	H.264
Input	4/8/16 CH, BNC
Main output	1CH BNC, 1CH VGA
Matrix output	4CH, BNC
AUDIO	
Input	DB37
Output	1 CH BNC

DISPLAY	
Resolution	D1 720×480 (NTSC) / 704×576(PAL)
Frame rate	4800(NTSC) / 400(PAL) FPS
Division	Single, Pic In Pic, Multiple(4,6,9,13,16),Digital Zoom x2,Freeze
RECORDING	
Resolution	CIF 352×288(PAL)、352×240(NTSC)
Frame rate	Max.480/400 FPS 25 Frame per CH/Sec
Quality	5 Levels (Low, Normal, Good, Fine, Super)
Mode	Manual/Schedule/Event(Motion detection/Alarm Sensor)
HDD	
Basic storage	8 HDD capacity Max.:4TB/HDD
Requirement	5400--7200RPM,45MHz DMA, IDE compatible, Faster than 9.0 ms avg.
ALARM	
Input	4/8/16(NO/NC programmable)
output	3 Relays,25 Pin D-SUB 1/2/4/8 CH 4 Relays,25 Pin D-SUB 16 CH
Triggered mode	Motion Detection, Video loss, Sensor Input, HDD Error
Action	Recording, Relay Output, Sound Alert
OTHER	
Network	10/100 Base T Ethernet, TCP/IP, UDP, Multicast
Backup device	USB HDD/USB Memory Stick/CD-RW/DVD±RW
PTZ camera	RS422 Support
Multi-language	English, Spanish, Portuguese
Search method	By Date, Time, Event
Serial connectors	USB x2, RS-232, RS-422/RS-485
Power supply	AC100-240V 50/60Hz
Unit weight/Shipping weight	9.8KG/11KG
Dimensions	440×100×455 mm 2U (W×H×D)
Shipping dimensions	500×230×540 mm (W×H×D)
Operating environment	0 ~ 95% OH, -10°C ~ 55°C(14 °F ~ 131°F)