

MAX4: New Slim H.264E DVR with Audio/Video Recording

- **OS:** Embedded Linux®
- **Microprocessor:** Motorola® BlackFin®
- **Compression Technology:** H.264E
- **System Resource:** Pentaplex Function.
- **Video Inputs:** 4 Chs.
- **Display Rate:** 1 to 30fps / Ch.
- **Record Rate:** 1 to 30fps / Ch.
- **Display Resolution:** CIF/D1.
- **Rec. Resolution:**(1st Ch D1/30fps),(2nd 3rd & 4th CIF/30fps).
- **Playback Display:** 4 Chs.
- **Video Outputs:** 1 BNC 1.0Vp- p, 75Ω, 1 VGA output, 1 HDMI output. (all available the same time)
- **Audio Inputs:** 4 Chs.
- **Audio Outputs:** 2 Chs. (1 bidirectional).
- **Audio Compression:** G.711
- **Motion Detection:** 396 (22*18) zones, 6 Sensitivity levels
- **Alarm Inputs:** 4 Chs.
- **Alarm Outputs:** 2 Chs. Dry Contacts, 1 12V output.
- **Storage Capability:** 1 SATA Ports (2TB).
- **External Storage:** 1 Port eSATA (5TB) for backup only.
- **Network Connection:** RJ45 10M/100M Ethernet.
- **Dual Stream:** flexible for network transmission and mobile phone monitoring.
- **Control Ports:** 1 RS232, 1 RS485, 2 USB2.
- **MSS:** (mobile surveillance software for smart phone) Optional.
- **Built-in DVD/RW** (only external supported).

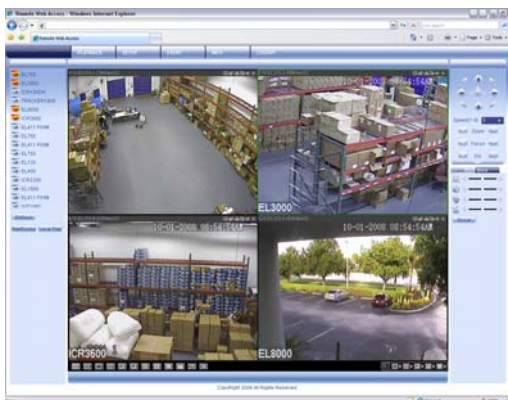


OVERVIEW of DVR Max 4

The MAX4 DVR uses H.264E (Enhanced H.264) compression technology based on the embedded high speed microprocessors and embedded LINUX operation system. This compression allows for clean viewing on the Internet over narrow bandwidth and dramatically increases storage space.

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

Web Browser Interface



PSS Software



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SPECIFICATIONS	
Parameter	MAX4
Main Board Processor	AMD SC1200/266 Multi-Media microprocessor
Video Processor	BlackFin (ADI) video processors
Operation System	Embedded LINUX
Video Standard	NTSC (525 line, 60f/s), PAL (625 line, 50 f/s)
Video Compression	H.264E (MPEG4 Part 10 - Enhanced)
Video Input	4 Channel
Video Input Signal	NTSC/PAL, BNC (1.0Vp-p,75 Ω)
Video Output	1 HDMI , 1 BNC (1.0Vp-p, 75 Ω), VGA (Computer Monitor)
Audio Compression	ADPCM G.723 8K
Audio Input	4 Channel
Audio Input Signal	4 BNC (200-2000mV,10K Ω)
Audio Output	2 BNC (200-3000mV, 5KΩ)
System Resource	Pentaplex function: live, recording, playback, backup & remote access
Image Resolution	Live view 704x480, Playback 704x480,352x240, VGA output 1024x768(NTSC)
Motion Detection	Area setting: 225 detection areas on the screen; detection sense setting: 3
Video Recording Speed	1-30 fps Variable per channel (NTSC)
Total Recording Speed	30 Frames Per Second per Channel; 120 FPS Per DVR
Image Quality	6 Levels selectable
Hard Disk	1 SATA port, up-to 2TB per DVR
Hard Usage	Video: 56-900M/Hour, Audio: 14.4M/Hour
Alarm Output Ports	3 channels output, output in open/close contact (the third channel is controllable +12V output)
Alarm Input Ports	4 Channel
Alarm Relay	30VDC 1A, 125 VAC 0.5A (relay output)
Network Connection	RJ45 10M/100M Ethernet connection
Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server. Dual Stream
Modem Connection	RS232
Pan-tilt Control	RS485
Power	110VAC / 220VAC
Power Consumption	25Watt (w/o HD)
Working Temperature	0°C ~ +55°C (32°F~ 130°F)
Working Humidity	10% - 90%
Barometric Pressure	86kpa - 106kpa
Physical Dimension	1U case,14.7"(L)x11.2"(D)x 1.7"(H); Package: 375mmx285mmx45mm (W*D*H),
Weight	8 LB (without HD)

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