

DVR

MPEG-4 8ch Stand Alone DVR

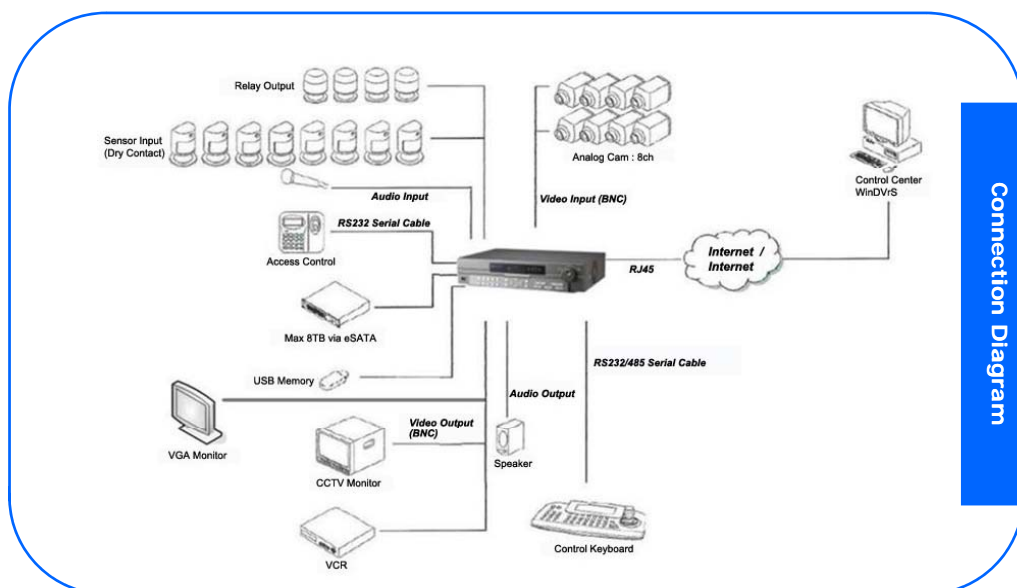
eDVR MD800M



Key Features

- 8ch stand-alone DVR with MPEG-4 and JPEG dual codec
- Max. 240/200ips recording with 2CIF (HALF) resolution (30/25ips per channel)
- Adjustable resolution (CIF, 2CIF/HALF, 4CIF/D1) and frame rate per channel
- Support JPEG encoding for multi channel network monitoring
- 2 internal HDDs with SATA type
- Support external storage via eSATA with Max. 8TB
- 1ch audio input for recording and 1ch output for two-way audio
- Built-in multiplexer for 8ch live monitoring and playback (1/4/9ch mode)
- Built-in DVD writer, USB and eSATA port for data backup
- PTZ control (support preset) via RS485
- Support static and dynamic IP for xDSL, cable-modem user
- Support IR remote controller and external keyboard/joystick via RS485/232
- Provide remote monitoring software (Control Center software)
- Built-in web server for web browser viewing and playback*
- Support NTP (Network time protocol) for time synchronization
- Support WESP (WebGate embedded standard protocol) SDK for SI and project manager
- Support USB utility (Firmware & configuration value uploading)
- Date/time, log, text, smart search available from Control Center software
- Support IPFR (Intelligent power failure recovery)
- FCC, CE, MIC, RoHS approved

(*Under development)

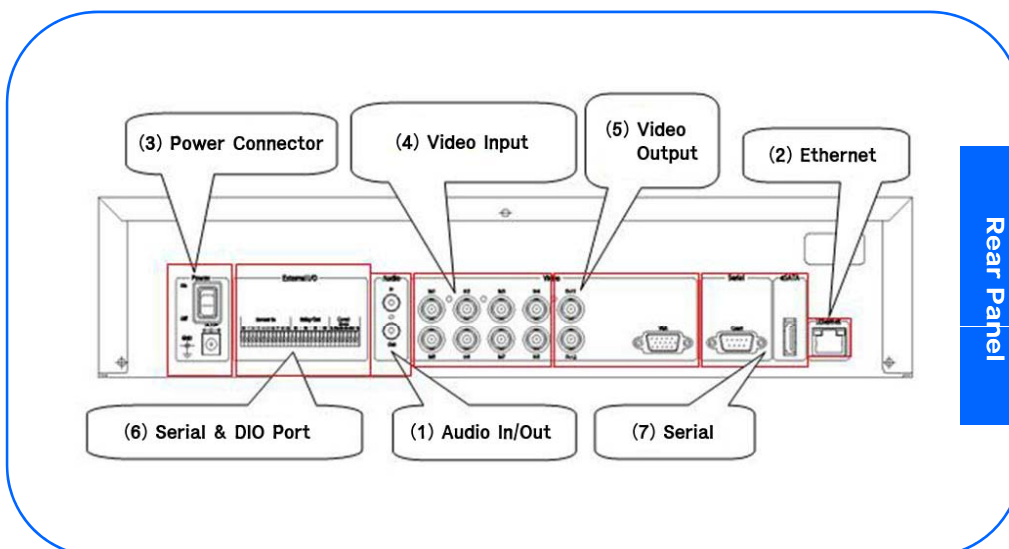


Connection Diagram

Specification (MD800M)

Item		Description
Video Input	Analog Ch.	8 BNC connectors (NTSC/PAL, Auto detect)
Video Output	Monitor	2 BNC, 1 VGA
Video Compression		MPEG-4 & JPEG
Display	Speed	240/200ips (NTSC/PAL)
	Resolution	D1(4CIF), HALF(2CIF), CIF
	Multi Screen	1, 4, 9ch
Recording	Speed	240/200ips (NTSC/PAL) at HALF(2CIF)
	Resolution	D1(4CIF), HALF(2CIF), CIF
	Multi Screen	1, 4, 9ch
Sensor Input / Relay Output		8 iInput / 4 output, Configurable NO/NC
System Control		Key buttons, Remote client, IR remote, Keyboard controller (Option)
PTZ Control		RS485
Audio		1ch iInput / 1ch output
Display		Brightness, Contrast and covert feature
Camera Title		22 Characters per channel
Recording Mode		Manual (Emergency), Alarm (Pre/Post), Schedule
Recording Quality		5 Levels of compression rate / Record frame rate adjustment
Pre/Post Recording		5sec / 60sec
Motion Detection		22x15 (NTSC) / 22x18 (PAL) grid
Search Mode		Date/Time, Log, Text, Smart
Playback Mode		Forward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64x
Multiplex Function		Simultaneous live display/Playback/Record, Remote monitoring/Playback
Alarm Notification		Automatic e-mail, Internal buzzer, Relay-out, Pop-up screen, Network Event
File System		Intelligent power failure recovery
Watermark		Yes
Password Protection		2 level (Admin/User)
Backup		DVD writer (DVD-R 4.7G Media), eSATA, USB, Network
Interface		1 RS-232C, 2 RS 485
Storage		2 internal SATA HDD + 1 external SATA
Network		TCP/IP, ARP, ICMP, DHCP, PPPoE, UDP, SMTP, SNMP, FTP, SNTp, HTTP*
Remote Control		Software application: Control Center lite (supplied basically) Remote observation through web browser* Functions: Monitor, Search, Playback, Backup, Event monitor, PTZ
Operating System		Embedded Linux
Temperature Range	Operation	+5°C ~ +40°C (+41F ~ +113F)
	Storage	-25°C ~ +70°C (-13F ~ +158F)
Relative Humidity	Operation	93% RH below
	Storage	95% RH below
Dimensions (mm)		420(W) x 294(D) x 98(H)
Weight		5.5Kg
Power Consumption (Applied adaptor)		Max. 60W, Typical 35W (12VDC 5A)
Total Integration Solution & API		Control Center, WinDVRs, WESP SDK

(*Under development)



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