

High End Standalone DVR MIK SM Series

MSDS1648M

16CH Pentaplex DVR Real Time Standalone DVR



Pentaplex Feature Allows for Simultaneous Live Monitoring, Recording, Playback, Networking and Archiving



Built-in Web Server MPEG-4 ASP Provides Unbeatable Recording Picture Quality and Compression Ratio



Network -- Static IP, DHCP, DDNS Support / Multi User Support Web Client S/W Support



Archiving to USB Hard Disk Drive, Internal CD / DVD-RW Drive or USB2.0 Stick Memory



Records and Plays in High-definition Video (704 X 480 NTSC/ 704 X 576 PAL) with Built-in Hard Drive Up to 4HDD



User-friendly Server GUI Menu and Front Button Design



IR Remote Controller



USB Mouse Support

Server GUI Screen



Setup GUI



Live Screen

CMS Features

- Up to 64 Camera Display
- Remote Multi Site Control
- Remote PTZ Control
- Remote Setup (Configuration)
- 2-Way Audio (Bi-Directional)
- Archiving (EXE/JPEG File Format)

Web Client Screen



Web Client Screen

CMS GUI Screen



CMS Watch PTZ Screen



CMS Health Check Screen



CMS Remote Search Screen



CMS Remote Event Screen



CMS Remote Setup Screen

Technical Specifications

MSDS1648M	
Compression	Advanced MPEG-4 ASP
Signal Format	NTSC or PAL (Auto Selected)
Video Input	Composite 16 BNC Inputs
Video Output	Composite: 1 (1Vp-p, 75 Ohm)
Loop Output	16 BNC Looping Outputs
Spot Output	3 (BNC)
S-Video Output	1 (S-Video)
VGA Output	1 (VGA - 1024 x 768 @ 60Hz, True XGA Resolution)
Display Resolution	704 x 480, 704 x 240, 352 x 240 (NTSC) / 704 x 576, 704 x 288, 352 x 288 (PAL)
Recording Resolution	704 x 480, 704 x 240, 352 x 240 (NTSC) / 704 x 576, 704 x 288, 352 x 288 (PAL)
Recording MAX Frame Rate	352 x 240: 480FPS (NTSC) 352 x 288: 400FPS (PAL)
Playback MAX Frame Rate	352 x 240: 240FPS (NTSC) 52 x 288: 200FPS (PAL)
Audio Input	8 Inputs (RCA Jack)
Audio Output	1 Output (RCA Jack)
Ethernet	10 /100Mbps Ethernet (RJ-45)
PTZ Control	RS-485 / 422 Serial Port 1 (Terminal Block)
Alarm Input	16(TTL) Programmable as NC/NO
Alarm Output	16(TTL) Programmable as NC/NO
USB Port	4 x USB (2x Front Panel, 2x Rear Panel)
Recording Qualities	Super / High / Standard
Recording Modes	Schedule / Alarm / Motion / Emergency
Pre-alarm Recording	Up to 3,600 Seconds, User Programmable
Playback Speed	X1, X2, X4, X8, X16, X32, X64, Extrema
Archive File Format	EXE (Video) / JPEG (Still Image)
NTP Server	Yes
GMT Time Zone	Yes
Auto DST	Yes
Multi Language	English / Danish / Chinese / Japanese / Korean / Italian / French / Portuguese
Operating System	Embedded Linux
Emergency Recording Key	Yes
Primary Storage	EIDE Hard Disk Drive (up to 4+0 or 3+1)
Clip Copy Storage	Built-in Internal CD / DVD-RW / Via USB HDD / Memory Stick (Optional)
Dimension (WxHxD)	430mm x 88mm x 400mm 16.93inch x 3.46inch x 15.75inch
Operating Temperature	5.C ~ 40.C / 41.F ~ 104.F
Operating Humidity	0% ~ 90%
Power Adapter	100 to 240 VAC, 1/2A, 50~60Hz
Power Consumption	Max 90W
Agency Approval	FCC / CE / UL / PSE

Design and specifications subject to change without notice.

System Configuration

