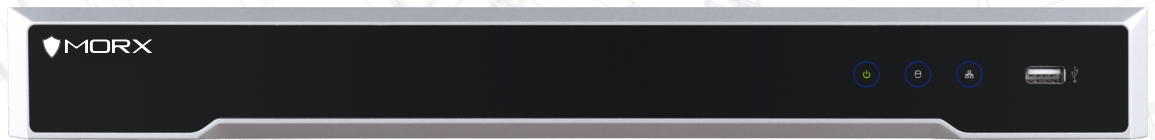


MX-D16S2

H.265+ SERIES NVR



Features and Functions

Professional and Reliable

- ◆ New Logical and Visualized GUI Design
- ◆ Dual-OS Design to Ensure High Reliability of System Running
- ◆ ANR Technology to Enhance the Storage Reliability When the Network is Disconnected

Video Input and Transmission

- ◆ Up to 16-ch 12 MP IP Cameras can be Connected
- ◆ Connectable to the Third-Party Network Cameras

Compression and Recording

- ◆ H.265+ Compression Effectively Reduces the Storage Space up to 75%
- ◆ Full Channel Recording at up to 12MP Resolution

HD Video Output

- ◆ HDMI and VGA Independent Outputs Provided
- ◆ HDMI Video Output at up to 4K (3840 × 2160) Resolution

Storage and Playback

- ◆ Up to 2 SATA Interfaces for HDD Connection
- ◆ Smart Search for Efficient Playback
- ◆ 8/16-ch Synchronous Playback at up to 1080p Resolution
- ◆ Normal/Important/Custom Video Playback
- ◆ Important Files Management
- ◆ HDD Health Monitoring

Smart &POS Function

- ◆ Supports Multiple VCA (Video Content Analytics) Events
- ◆ Smart Search for the Selected Area in the Video; and Smart Playback to Improve the Playback Efficiency
- ◆ Supports VCA Search for Fire/Ship/Temperature/Temperature Difference Detection Triggered Video Files
- ◆ POS Information Overlay on Live View and Playback
- ◆ POS Triggered Recording and Alarm

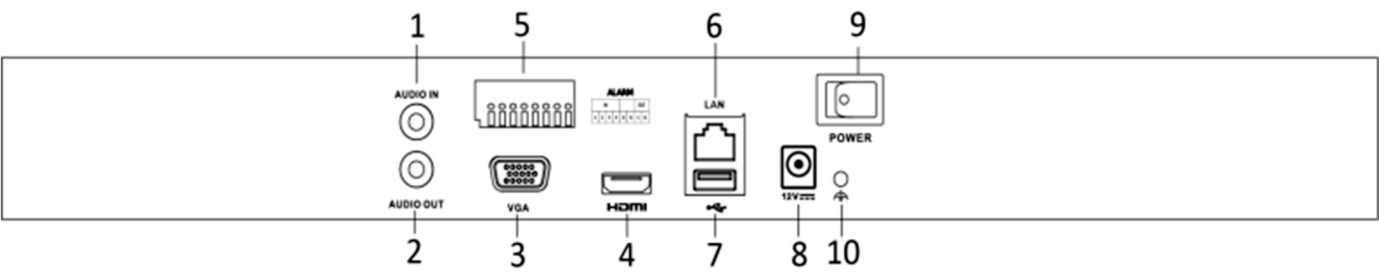
Network & Ethernet Access

- ◆ Morx-Connect for Easy Network Management
- ◆ Gigabit Ethernet Network Interface

MX-D16S2 Specifications

MODEL		MX-D16S2
VIDEO/AUDIO INPUT	IP Video Input	16-ch Up to 12 MP Resolution
	Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)
NETWORK	Incoming Bandwidth	160 Mbps
	Outgoing Bandwidth	256 Mbps
	Remote Connection	128
	Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA / 4CIF/DCIF/ 2CIF/CIF/QCIF
	CVBS Output (Optional)	1-ch, BNC (1.0 Vp-p, 75 Ω), Resolution: PAL: 704 × 576, NTSC: 704 × 480
	HDMI Output Resolution	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	VGA Output Resolution	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
DECODING	Audio Output	1-ch, RCA (Linear, 1 k Ω)
	Decoding Format	H.265/ H.265+/H.264/H.264+/MPEG4
	Live View / Playback Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/ VGA /4CIF/DCIF/ 2CIF/CIF/QCIF
	Synchronous Playback	16-ch
CAPABILITY	Capability	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)
NETWORK MANAGEMENT	Network Protocols	TCP/IP, DHCP, Morx-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS
HARD DISK	SATA	2 SATA Interfaces for 2HDDs
	Capacity	Up to 8TB Capacity for Each HDD
EXTERNAL INTERFACE	Network Interface	1 RJ-45 10/100/1000 Mbps Self-Adaptive Ethernet Interface
	USB Interface	Front Panel: 1 × USB 2.0; Rear Panel: 1 × USB 3.0
	Alarm in/out	4/1
GENERAL	Power Supply	12 VDC
	Power	≤ 40 W
	Consumption (Without Hard Disk)	≤ 15 W
	Working Temperature	-10 to +55° C (+14 to +131° F)
	Working Humidity	10 to 90 %
	Chassis	385 mm Chassis
	Dimensions(W × D × H)	385 × 315× 52 mm (15.2" × 12.4" × 2.0")
	Weight (Without Hard Disk)	≤ 3 kg (6.6 lb)

Physical Interfaces



Index	Description	Index	Description
1	AUDIO IN	6	LAN Interface
2	AUDIO OUT	7	USB 3.0 Interface
3	VGA Output (DB9 Connector)	8	GND
4	HDMI Interface	9	100 to 240 VAC Power Supply
5	Controller Port, Alarm In/Alarm Out	10	Power Switch