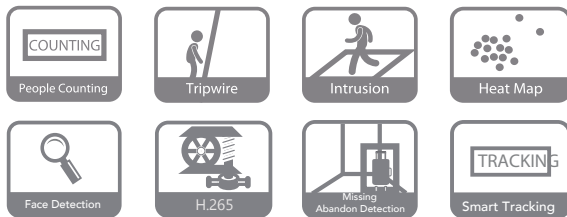


MV-NVR064C16B

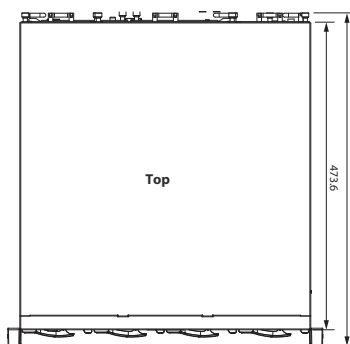
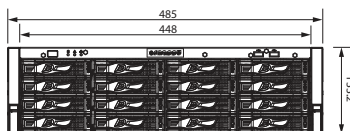
VALUE 

64 Channel Ultra 4K H.265 Network Video Recorder

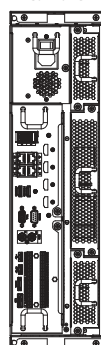


Features

- ▶ Intel Processor
- ▶ Max 64 IP Camera Inputs
- ▶ Max 384Mbps Incoming Bandwidth
- ▶ Redundant Power
- ▶ iSCSI and Mini SAS for Expanded Storage Space
- ▶ Smart Tracking and Intelligent Video
- ▶ Up to 12MP Resolution for Preview and Playback Supports RAID 0/1/5/6/10



Rear Panel



System Overview

The NVR is capable of transmitting 12MP image. It helps to save up to 50% HDD and storage space with its H.265 decoding technology compared with H.264.

Due to its cost-effective and easy-to-install design, this NVR is ideal for a wide range of applications such as home safety, grocery, warehouse, education, and financial institutions.

The NVR is compatible with numerous third-party devices making it the perfect solution for surveillance systems that work independently of video management system (VMS). It features an open architecture that supports for multi-user access and is compatible with ONVIF 2.4 protocol, enabling interoperability with IP cameras.

Functions

RAID 0/1/5/6/10

Offering a balance between storage performance, storage capacity, and data integrity, the NVR features Fruitfull RAID 0/1/5/6/10 for faster and safer recording.

FISHEYE DEWARPING

The NVR features multiple Fisheye dewarping modes to make viewing video easy whether its live or during playback.

N+M HOT STANDBY

The highly reliable redundancy N+M Hot Standby design provides a secure, failover technique ensuring immediate backup. In the event of a system failure, the slave instantly takes over the master ensuring no data is lost.

INTELLIGENT VIDEO SYSTEM (IVS)

With built-in intelligent video analytics, the NVR has the ability to detect and analyze moving objects for improved video surveillance. The NVR provides optional standard intelligence at the edge allowing detection of multiple object behaviors such as abandoned or missing objects. IVS also supports Tripwire analytics, allowing the camera to detect when a pre-determined line has been crossed, People Counting, ideal for business intelligence, and Facial Detection, for searching or identification of individuals.

4K RESOLUTION

The NVR supports 4K ultra HD resolution (3840 x 2160) for recording, live viewing and playback.

HEAT MAP

The NVR's Heat Map option highlights the areas with the highest concentration of people. This information can then be exported into a customized report to assist in business or forensic analysis.

MV-NVR064C16B

VALUE 

TECHNICAL SPECIFICATION

System

Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX

Display

Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768
Interface	2 HDMI (up to 3840 x 2160 , Different Source), 1 VGA, 4 HDMI (Optional)
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Multi-scene Display	1st Screen: 1/4/8/9/16/25/36 2nd Screen: 1/4/8/9/16

Video Detection and Alarm

Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering
Alarm input	16 Channel, Low Level Effective, Green Terminal Interface
Relay Output	8 Channel, NO/NC Programmable, Green Terminal Interface
Tracking Trigger Event	Zoom, Tracking, Recording, Preset, Snapshot, Alarm, etc.

Playback and Backup

Playback	128 Mbps in Raid 5 Mode; 64 Mbps in single HDD Mode
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
Backup Mode	USB Device/Network/eSATA Device
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom

Storage

Internal HDD	16 SATA III Ports, Up to 8 TB capacity for each HDD
HDD Mode	Single, Raid 0/1/5/6/10(Enterprise-level HDDs recommended), Support Global HDD Hot-spare
eSATA	1 eSATA Port (Please contact technical engineer to confirm the compatible device)
SAS	1 Mini SAS Port, for Storage Expansion

Auxiliary Interface

Front Cover	Support Hot-swap
USB	4 USB Ports (2 USB 2.0 , 2 USB 3.0)
RS232	1 Port, for PC Communication and Keyboard
RS485	1 Port, for PTZ Control

Audio and Video

IP Camera Input	64 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA

Recording

Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 1.3MP, 720P etc.
Compression	H.265/H.264/MJPEG
Record Rate	384Mbps
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
Record Mode	Manual, Schedule (Regular, MD (Motion Detection), Alarm, IVS), Holiday, Stop
Bit Rate	16Kbps ~ 20Mbps Per Channel

Network

Interface	4 RJ-45 Port(10/100/1000Mbps)
Max. User Access	128 users
Network Functions	2HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search
PoE	N/A
Ethernet Port	4 Ethernet Ports Joint Working or 4 Independent 1000Mbps Ethernet Ports
Smart Phone	iPhone, iPad, AndroidS
Interoperability	ONVIF 2.4, CGI Conformant
Optical Fiber Interface	2 Giga Optical Fiber Interface

Electrical

Power Supply	AC100V ~ 240V, 50 ~ 60 Hz Redundant
Power Consumption	<51W (Without HDD)

Environmental

Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH

Construction

Dimensions	3U, 485mm x 512.9mm x 133.2mm (19.1" x 20.2" x 5.2")
Net Weight	19.1kg (42.1 lb) (without HDD)
Gross Weight	28.5kg (62.8 lb)
Installation	Rack-mounted

Third-party Support

Third-party Support	Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, and more
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