2MN-882000 Super NVR

Smart Integrated Surveillance Platform with Video Input

Features

- Stability: Linux OS, dual-BIOS, redundant power
- Compatibility: Third-party IP Cameras supported with standard ONVIF
- Access: Browser/Server, Client/Server and mobile clients (both iOS and Android)
- Connection: 1000 device connections, up to 2000 channels of high-definition network videos
- Management: Unified management of NVR, IPC, encoder, decoder, network keyboard, cloud devices, alarm control panel and door access control, support devices' configuration import/export
- Storage: Max 16 hard disks and 2 disk enclosures; expandable up to 48 disks with 384TB storage
- Decoding: Max 16×1080P decoding outputs in three screens, expandable up to 112×1080P in 15 screens with 2 decoding cards inserted
- Service: Live view, playback, sequence, video wall, E-map, two-way audio, and alarm plan
- VCA: Support of receiving VCA alarms, configuring alarm-linkage operations, and displaying people counting statistics in reports
- Reliability: Support of HTTPS, 802.1x authentication, ARP protection, Telnet enabling/disabling, network fault tolerance, multi-IP configuration and load balancing

Specifications

VIDEO MANAGEMENT	
Number of Connected Cameras per Server	Up to 2000 IP Cameras
Device Management	IPC, NVR, encoder, decoder(standard/expanded), network keyboard, cloud devices, alarm control panel and door access control
Numbers of Online Users	300
Numbers of roles per user	16
Bandwidth of video input per server	512 Mbps
Bandwidth of video output per server	384 Mbps

DECODING	
Video compression	Ultra265, H.265, H.264
Decoding	4×4K@30, 16×1080p@30, 36×720p@30, 64×D1
Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/960H/D1/2CIF/CIF/QCIF
Display on video wall	HDMI (×2) and VGA(×1) output; HDMI output supports 4K resolution
Audio compression	G.711
Decoding card (optional)	Max 2 cards supported; models: HDMI4-C and HDMI6-C
HDMI4-C decoding card	4-ch HDMI outputs, with decoding of 4*4K@60 or 8*4K@30 or 32*1080P@30 or 64*720P@30
HDMI6-C Decoding Card	6-ch HDMI outputs, with decoding of 6*4K@60 or 12*4K@30 or 48*1080P@30 or 96*720P@30

STORAGE	
HDD Installation	Hot-swappable HDDs Support 16HDDs (3.5", up to 8TB for each)
RAID Mode	RAID1, RAID5,RAID6,RAID10,RAID50,RAID60
Bandwidth of Video Storage per Server	512Mbps
Disk Enclosure (optional)	Max 2 disk enclosures supported
2MDE1008 Disk enclosure	8xSATA interfaces, up to 8TB storage per interface
2MDE1016 Disk Enclosure	16xSATA interfaces, up to 8TB storage per interface

PLAY	
Play Control	1 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 / 13 / 16 / 17 / 25 / 32 / 36 / 64 window display Corridor format Up to 3 auxiliary monitors
Playback	Play NVR recordings Up to 24 channels for multiple clients; synchronous play-back up to 16 channels for single client

SYSTEM	
Main Processor	Intel(R) CPU
Memory	4GB DDR3L

FC CE RoHS

REV0213020

Power supply	100-240 VAC (with power on/off switch) Dual-power redundancy
INTERFACE	
Network	4×10M/100M/1000M Base-T adaptive Ethernet interfaces 2×1000M SFP optical interfaces
USB	4×USB3.0
HDMI	2×HDMI
VGA	1×VGA
Serial	1×RS-232 (RJ45), 1×RS-485 (RJ45)
Alarm Input/Output	24×alarm inputs, 8×alarm outputs
Power Output	12 V DC
Audio Alarm	Buzzer
Expansion	1×eSATA interface 2×miniSAS interfaces 2×decoding cards
GENERAL	
Power Consumption	≤ 50W (not including HDD) ≤ 165W (including HDD)
Operating Temperature	-10°C to 55°C (14°F to 131°F)
Operating Humidity	10% to 90% (noncondensing)
Weight	≤ 10.0 Kg
Dimensions (D×W×H)	Height: 3U, support mounting in standard 19" cabinet 477.1 mm × 481.6 mm × 130.5 mm (18.8"×19"×5.1") (including front panel)

Dimensions