

## Enterprise 128 / 256 Channel 4K NVR



### Functions :

- Dual-OS design Linux to ensure the security of system running.
- Support liveview, storage, and playback of the connected camera with up to the resolution of 8 megapixels.
- Connectable to the third-party network cameras: ACTI, Samsung, AXIS, Bosch, Brickcom, ONVIF, Panasonic, Sony, ...
- 16 SATA hard disks and 2eSATA disks can be connected, for both recording and backup
- Support RAID0, RAID1, RAID5, RAID10 storage scheme. And 16 arrays can be configured
- Either normal or Fail Over working mode is configurable to constitute a Redundent system
- Self-adaptive 4\*10M/100M/1000M network interfaces, with working modes configurable: multi-address, load balance, network fault tolerance, etc.
- Hot Plug HDD design provides convenient HDD installation and maintenance way.
- Support video Analytics & ANPR.
- Simultaneous HDMI, VGA outputs; and respective live view and playback via VGA and HDMI outputs.
- Matrix Expantion Card up to 12 HDMI Ports
- 4 \* Fiber Optic Interface
- Smart search for the selected area in the video
- Video Analytics (VCA ) Support
- 6" LCD Screen

**Model :** MNA-NVR16128/256-4KEN(VW)  
Enterprise 128/256 Channel 4K NVR

### Video/Audio input

IP video input	128 Channel
Two-way audio	Support

### Video/Audio output

HDMI output	2 *(HDMI 1 : 4K )(HDMI 2: Full HD) 12*HDMI Expantion Video wall (Option on VW serie)
VGA output	1 *(VGA 1 :Full HD)
Audio output	2 Channel

### System

Os	Linux
internal Web Server	Support
Support Resolution	8MP/6MP/5MP /3MP /1080P /UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF /QCIF
Bandwidth	400 Mbps Incoming/400 Mbps Outgoing (Total 800 Mbps) (up to 650/650 Total:1300Mbps )
Decoding Format	H264/H264+/H265/MJPG
Video Analytics	Support
Synchronous playback	UP to 4K
ANPR/LPR	Support

### Hard disk

SATA	16/24 SATA interfaces for 16/24 HDDs
eSATA	2 eSATA interfaces
Capacity	Up to 6TB capacity for each HDD
SAS	1*mini SAS (Option)

### Disk array

Array type	RAID0, RAID1, RAID5, RAID10 /HDD Quota and Group Modes
Number of array	16/24

### External interface

Network interface	4 * RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interfaces
Serial interface	RS-232; RS-485; Keyboard
USB interface	2 x USB 2.0, 3 x USB 3.0
Alarm in/out	16/8
Fiber Optic Interface	4*1000 mb Interface
Display	6" Embedded LCD Screen
Fail Over	Support

### Others

Power supply	100 ~ 240 VAC, 6.3 A, 50 ~ 60 Hz Redundent Power (Option)
Certificate	ONVIF,PSIA,RCII of Iran standard
Working temperature	-10 °C ~ +55 °C
Chassis	19-inch rack-mounted 3U chassis
Dimensions (W x D x H)	445 x 496 x146 mm
Weight	≤ 15.5 Kg ( without hard disks )
Max Power	100 watt (with out HDD) upto 300W