Enterprise 32 Channel 4K NVR

Functions

- Dual-OS design Linux to ensure the security of system running.
- Intel DSP Chipset
- Support liveview, storage, and playback of the connected camera with up to the resolution of 12 megapixels.
- Connectable to the third-party network cameras Onvif Profile S & G & T
- Failover & Hotspare included
- 8 SATA hard disks and 1eSATA disks can be connected for External recording and backup
- Support RAID 0,1,5,6,10 storage scheme. And 8 arrays can be configured
- Either Normal or Fail Over working mode is configurable to constitute a Redundent system
- Self-adaptive 2*10M/100M/1000M network interfaces
- Simultaneous HDMI, VGA outputs, and respective live view and playback via VGA and HDMI outputs.
- Support virtual matrix video
- ANR Support
- ROI Support
- Up to 16-ch synchronous playback.
- Smart search:
  Date,Time,VCA,Alarm,Pre&Post Frame,Area, Water mark …
- Video Analytics (AI- Deep Learning Support) Support
- User Permition up to unlimited Level
- Support Face Recegnition up to 15000 Face (option)

Model	MNA-NVR832EN-4KR
	Enterprise 32 Channel 4K NVR
Video/Audio input	
IP video input	32 Channel
Two-way audio	Support
Video/Audio output	
HDMI output	2 *(HDMI 1 : 4K - HDMI 2: Full HD)
VGA output	2 *(VGA 1 :2K)
Audio output	2 Channel-Duplex
System	
Os	Linux
Fram Rate	Up to 960fps
Support Resolution	12MP/8MP/6MP/5MP /3MP /1080P /UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF /QCIF
Bandwidth Intel DSP Chipset	384 Mbps Incoming/384 Mbps Outgoing (Total 768 Mbps)
Bandwidth Management	Support (VBR & CBR)
Decoding Format	H265+/H265/H264/H264+ /MJPG
Fail Over	Support
Video Analytics on edge	Intrusion Detection,CrossLine, EnterArea,Leave Area, Defocus Detection, Scene Change Detection, Auto Tracking, Object Left Behind, Object Removed, Vehicle Control, Temperature Detection(Fire Detection,Smoking Detection, Smoke and Fire Detection), Ultra Motion , Traffic Monitoring Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report , People Counting People Flow Counting, Crowd Density Monitoring,
Synchronous playback	16 Channel UP to 4K
Farsi Calender	Support
Face Recegnition	Support- up to 15,000 face (option)
Hard disk	
SATA	8 SATA interfaces for 8 HDDs Up to 15TB capacity for each HDD
eSATA – External Storage	1 eSATA interfaces
Disk array	
Array type	RAID 0,1,5,6,10,50 HDD Quota and Group Modes
ANR & ROI	Support
External interface	
Network interface	2 * RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interfaces
Serial interface	RS-232; RS-485; Keyboard
USB interface	5 × USB 2.0 & 3.0
Integration	Alarm,Access Control,POS,Free SDK
Alarm in/out	16/4
Others	
Power supply	100 ~ 240 VAC, 6.3 A, 50 ~ 60 Hz
Certificate	ONVIF,PSIA,RCII of Iran standard
Working temperature	-10 ºC ~ +55 ºC
MTBF	MTBF >120,000 hrs Confirmed by Windchill Quality Solutions
Dimensions (W × D × H)	445 × 496 ×146 mm 19-inch rack-mounted2U chassis
Weight	≤ 10 Kg (without hard disks)
Max Power	30 watt (with out HDD)