

# H.265/ H.264 64CHANNEL 4K 16 HDD SUPPORTED UHD NVR



## Highlight Features:

- Supports up to a total of 64 network cameras with 12MP/ 4K UHD, 5MP/ 3MP and 1080p image resolution, Up to 512Mbps incoming bandwidth.
- Powerful CPU for video processing, recording, playback and preview
- Video Standard: 4K (4096×2160)/ 5MP (2592×1944)/ 3MP (2048×1536)/ 1080P (1920×1080).
- Embedded Linux Operating System for reliable running
- H.265/ H.264 dual codec decoding
- Support to search for pictures and video files by face, Support on-site capture
- Recording modes: manual, scheduled, motion detection, alarm event
- 16ch playback simultaneously
- Intelligent video analysis (IVA): region detection, video analytics function including motion detection, Humanoid Detection, object counting, perimeter detection, object detection.
- Support Onvif protocol, support High profile S, High profile G, compatible with different IP camera that based on Onvif, SLINK, RTSP standard
- Two HDMI, 1VGA video output
- 15x digital image zoom, playback, backup...etc
- Support 16x SATA HDDs (each HDD Max.10TB Supported)
- One audio BNC output, support two way intercom
- Channel-wise Storage define, HDD Quota and group management
- Smoothly switch channels without changing the MAC address
- One RS485 port, working with any RS485 PTZ cameras, support up to 20 different protocols
- P2P cloud service, including cloud connecting, cloud monitoring, cloud transmitting to access IPC and NVR at any time and any place, Smart Phone viewing.
- Support all channel image display on one screen at same time, support 4 channels' image display by mainstream, and 4 channels playback
- Support HDD hot-swappable
  - Support Raid 0,1,5,6,10
  - Support hot back-up
  - Support IPSAN,NAS

### Features



H.265+



Onvif



Slink



VMS



APP



Face Detection



Humanoid Detection



Vehicle Detection



Retrograde Detection



Absent Alarm

**Note: These AI Smart Functions Require Correspondent AI Smart IPC to Support**

### Interface Definition

### Size





## AVN-EN6416

## VSENSE Professional NVR

Model	AVN-EN6416
Main Chipset	Hi3536
Operating System	Embedded Linux
Bandwidth	512Mbps
Video Format	H.265/ H.264
Video Resolution	4K\5MP\3MP\2MP
Smart Functions	Target Count, Object Left/Lost, Electronic Fence, Line Crossing, Face Grouping List, Face Detection, Humanoid Detection, Retrograde Detection, Leave Position Detection (need front end IPC supported)
Record Mode	Manual, Schedule, Motion Detection, Timing, Alarm, Stop, HDD group/ quota
Playback	16CH 1080P, 9CH 4K
Backup Mode	USB Device/Network
<b>Video, Audio, Alarm</b>	
Video Input	64ch Digital (4000X3000) + 64ch Preview + 16ch Playback + Face Recognition 16ch front end comparison 64ch Digital (4000X3000) + 64ch Preview + 16ch Playback 128ch Digital (4000X3000) + 64ch Preview + 16ch Playback Support import 5000 face database
Video Output	1 HDMI, 1 VGA
Audio Input & Output	HDMI audio
Alarm Input & Output	N/A
<b>Storage</b>	
HDD	16 SATA, MAX 10TB HDD
RAID	Supported RAID 1, 0, 5, 10, 50; Hot Swappable
<b>Network</b>	
Network Interface	2*RJ45 10M/1000M self-adaptive LAN port
POE	N/A
Network Function	DDNS,EMAIL,UPNP,NTP,DHCP,IP Filter, PPPoE, RTSP, SLINK, P2P
Smart Phone	iPhone, Android
<b>External Ports</b>	
USB	2 USB Ports(2 USB2.0) 1 USB3.0
RS232	N/A
RS485	N/A
<b>Others</b>	
Power Supply	ATX110-220V 400W 50-60Hz
Power Consumption	≤50W (without HDD )
Dimension	Equipment :480mm×620mm×178mm Packing :726mmX551mmX275mm
Weight	N.W:21kg (without HDD) with package:22kg
Outside Carton	1pcs/Carton; Dimension: 748mmX566mmX300mm, 23kg