SHIELD Technology

Secure The World With You

NVR

# 4 CH PoE NVR

## 8MP/6MP/5MP/4MP/3MP/1080P/720P HD PoE NVR




# AD-NVR4-4P 4K

HD Output | HD IPC | DDNS | Network | PTZ | Audio | MIC | Mobile | CMS | USB | Mouse | E-mail | STD | VCA

This series of products supports 4 CH 8MP/6MP/5MP/4MP/3MP/1080P/ 1280×1024/960P/720P high definition IP video input, which adopts the advanced SOC technique to ensure high definition recording in each channel and realize outstanding robustness of the system.

This series integrates with 4 PoE network ports and supports 4 CH IPC direct connection to NVR, simultaneous 4 CH playback and 4K ultra high definition display. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

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Shield Technology Inc.

Web site: shieldcctv.com E-mail: info@shieldcctv.com

# AD-NVR4-4P 4K

## 8MP/6MP/5MP/4MP/3MP/ 1080P/960P/720P HD PoE NVR

## Specifications

| Model | | AD-NVR4-4P 4K | |
|---|---|---|---|
| System | OS | Embedded Linux | |
| Video | Network Input | 4 CH IPC input | |
| | Network Input Resolution | 8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/ 960H/D1/CIF | |
| | Output | HDMI × 1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024/ 1024 × 768<br>VGA: 1920 × 1080 / 1280 × 1024/ 1024 × 768 | |
| | Screen Display Mode | 1/4 | |
| | Compression | H.265S /H.265+ / H.265 / H.264 | |
| Audio | Network Input | 4 CH IPC audio input | |
| | Local Input | RCA × 1 (for two-way audio) | |
| | Local Output | RCA × 1 | |
| | Compression | G.711(U/A) | |
| Record | Resolution | 8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/ 960H/D1/CIF | |
| | Frame Rate | NTSC:30fps; PAL:25fps | |
| Playback | Simultaneous Playback | Max. 4 CH | |
| | Search | Time slice / time / event / tag / smart search | |
| | Smart Search | Highlighted color to display the camera record in a certain period of time, different colors refers to different record events | |
| | Function | Play, pause, FF, FB, digital zoom, etc. | |
| Decoding Capability | Live View/ Playback | 1×8MP@30fps; 6×1080P@30fps | |
| Alarm | Mode | Manual, sensor, motion, exception, smart events | |
| | Input | Supports IPC alarm input | |
| | Output | Supports IPC alarm output | |
| | Triggering | Record, snap, preset, e-mail, etc. | |
| Network | Interface | RJ 45 × 1 (10/100/1000Mbps) | |
| | Protocol | TCP / IP, IPv4, IPv6, UDP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, HTTP, SMTP, HTTPs, 802.1x, RTSP, RTP, RTCP, WebSocket, SNMP, IGMP, ONVIF | |
| | Incoming/ Outgoing Bandwidth | 80/80 (Mbps) | |
| | | *When the AI function of the IPC is enabled, the actual incoming bandwidth(max.bitrate) is more than the set value in the NVR. | |
| | Client Connection | Max. 64 users access | |
| Face | Face Detection Performance (AI by IPC) | 4 CH | |
| | Face Detection Performance (AI by Device) | 2 CH (2MP) | |
| | Face Match Performance | No | |
| | Statistical Graph of Information | Bar graph | |
| | Statistical Mode of Information | Statistics by day, week, month, quarter as well as customized time period | |
| Perimeter Protection | Human/Vehicle Classification (AI by IPC) | 4 CH | |
| | Human/Vehicle Classification (AI by Device) | 2 CH (2MP) | |
| Video Metadata | Human/Vehicle Attribute Analysis (AI by IPC) | Yes | |
| Other Functions | Fisheye | Supports fisheye dewarping via Web Client and mobile APP | |
| | Plate Recognition (AI by IPC) | Yes | |

| | | |
|---|---|---|
| Mobile Device | OS | iOS, Andriod |
| Storage | HDD Interface | SATA3.0 × 1, max 10T |
| Backup | Local Backup | U disk, USB mobile HDD |
| | Network Backup | Yes |
| Port | USB | USB 2.0 × 2 |
| | Remote Controller | Optional |
| PoE | PoE Ports | 100M RJ45 × 4 |
| | Standards | IEEE802.3AF/AT |
| | Output Power | ≤ 48W |
| Others | Power Supply | DC 48V/1.25A |
| | Consumption | ≤ 10W ( without HDD ) |
| | Dimensions (mm) | 300 × 249 × 45( W × D × H ) |
| | Working Environment | -10 ~ 50 °C, 10% ~ 90% humidity |
| | Certificate | CE, FCC |
| | Environmental Protection | Complies with Directive EU RoHS, REACH and WEEE |

## Features

- Support 4 CH 8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/ 960H/ DI/CIF IP video input
- Adopt standard H.265 and H.264 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphic User Interface ( GUI ), Windows style operation by mouse
- Multi-mode recording: manual / timed / motion / sensor / POS / AI recording
- Playback : 4 CH simultaneous playback
- Search : time slice, time, event, tag, smart search
- Support multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video exception, etc.
- Support POS information overlay on live view and playback
- Express and flexible backup via USB, network and so on
- Pentaplex : preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Remote control via Web or CMS : preview, playback, backup, PTZ and configuration
- 4 PoE network ports; IPC can be directly connected to NVR; PoE power supply supported
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- Multi-user online simultaneously
- Authorization management, log view and device status view
- 4K output, true high resolution display
- Support NAT function and QRCode scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Android OS

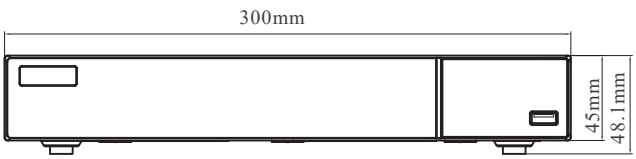


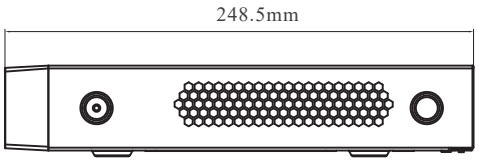
*All pictures and specifications are for reference only and are subject to change without prior notice.

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8MP/6MP/5MP/4MP/3MP/
1080P/960P/720P HD PoE NVR

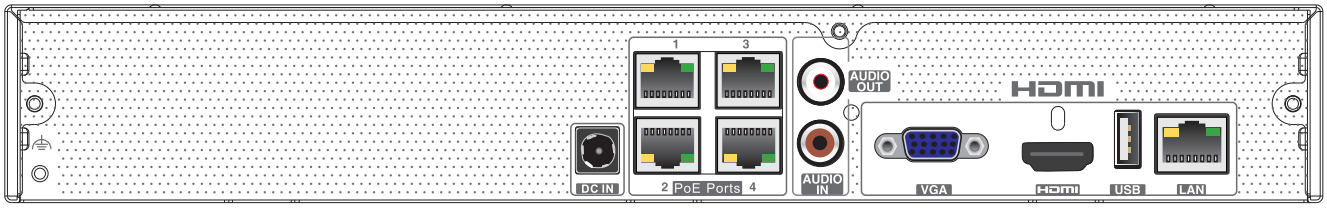
## Dimensions




## Rear Panel

AD-NVR4-4P 4K






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