

# EK-S31P4DLT44T1



## Key Features

### NVR301-04S3-P4

- Support Ultra 265/H.265/H.264 video formats
- 4-channel input
- Plug & Play with 4 independent PoE network interfaces
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile T
- Support 1-ch HDMI, 1-ch VGA
- HDMI and VGA simultaneous output
- Up to 8MP resolution recording
- 1 SATA HDD
- Support cloud upgrade

### IPC3614LB-AF28K-DL

- High quality image with 4MP, 1/3"CMOS sensor
- 4MP (2560\*1440)@ 25/20fps; 3MP (2304\*1296) @30/25fps; 2MP (1920\*1080) @30/25fps
- Ultra H.265,H.265, H.264
- Support 9:16 Corridor Mode
- Built-in Mic
- Smart IR, up to 30m (98ft) IR distance
- Warm Light, up to 30m (98ft) warm light distance
- 2D/3D DNR (Digital Noise Reduction)

- Support 128GB Micro SD card
- IP67 protection
- Support PoE power supply
- 3-Axis

## Specifications

<b>Model</b>	<b>NVR301-04S3-P4</b>
<b>Video/Audio Input</b>	
IP Video Input	4-ch
<b>Network</b>	
Incoming Bandwidth	64Mbps
Outgoing Bandwidth	48Mbps
Remote Users	128
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SMTP, RTSP
<b>Video/Audio Output</b>	
HDMI/VGA Output	HDMI: 4K(3840x2160)/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz VGA: 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Recording Resolution	4K/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Audio Output	1-ch, RCA
Audio Compression	G.711A, G.711U
Synchronous Playback	4-ch
Liveview display	1/4
Corridor Mode Screen	3/4
<b>Snapshot</b>	
FTP/Schedule/Event Snapshot	1-ch snapshot, up to D1 resolution
<b>Decoding</b>	
Decoding format	Ultra 265/H.265/H.264
Live view/Playback	4K/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Capability	1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25, 4 x 1080p@30
<b>Hard Disk</b>	
SATA	1 SATA interfaces
Capacity	Up to 8TB for each disk (The maximum HDD capacity varies with environment temperature)
<b>Smart</b>	
VCA Detection by Camera	Face Detection, Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Audio Detection, Ultra Motion Detection(UMD)
VCA Search	Face Search, Behavior Search
<b>General Alarm</b>	
General Alarm	Motion, Tampering, Human Body Detection, Video Loss, Alarm Input

Alert Alarm	IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal
<b>External Interface</b>	
Network Interface	1 RJ-45 10M/100Mself-adaptive Ethernet Interface
USB Interface	Rear panel: 2 x USB2.0
RS232	NA
RS485	NA
Alarm In	NA
Alarm Out	NA
<b>PoE</b>	
Interface	4 RJ-45 10M/100Mself-adaptive Ethernet Interface
Max Power	Max 30W for single port Max 54W in total
Supported Standard	IEEE 802.3at, IEEE 802.3af
<b>General</b>	
Power Supply	48V DC Power Consumption: ≤9 W (without HDD)
Working Environment	-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	260mm ×240mm × 46 mm (10.2" × 9.4" ×1.8")
Weight (without HDD)	≤1.1kg (2.43lb)
<b>Certification</b>	
Certification	CE, FCC, UL, RoHS, WEEE
CE	EN 55032: 2015, EN 61000-3-3: 2013, EN IEC 61000-3-2: 2019, EN 55035: 2017
FCC	Part15 Subpart B, ANSI C63.4

## Specifications

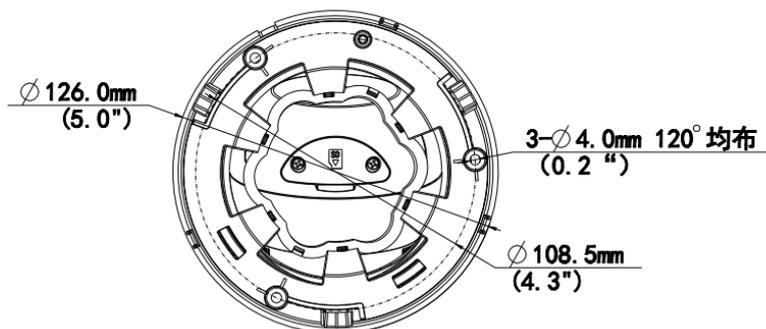
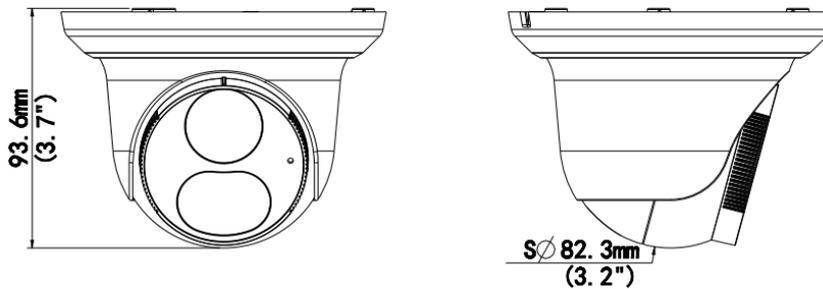
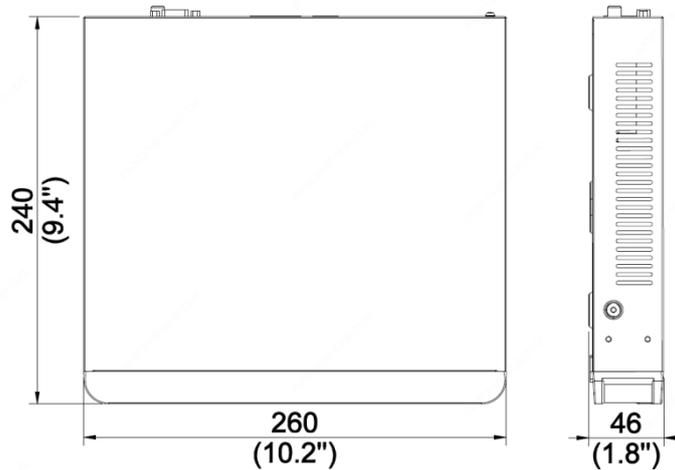
<b>Model</b>	<b>IPC3614LB-AF28K-DL</b>
Resolution	4MP
Sensor	1/3.0" CMOS
Min. Illumination	Colour: 0.01 lux ( F1.6, AGC ON) 0 lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment angle	Pan: 0° ~ 360°, Tilt: 0° ~ 80°, Rotate: 0° ~ 360°
S/N	>52dB
WDR	DWDR
<b>Lens</b>	<b>Description</b>
Lens type	2.8mm
Iris Type	Fixed
Iris	F1.6
Field of View (H)	97.0°
Field of View (V)	52.2°

Field of View (D)	107.5°
<b>DORI</b>	<b>Description</b>
DORI Distance (Lens)	2.8mm
DORI Distance (Detect)	63.0m(206.7t)
DORI Distance (Observe)	25.2m(82.7ft)
DORI Distance (Recognize)	12.6m(41.3ft)
DORI Distance (Identify)	6.3m(20.7ft)
<b>Illuminator</b>	<b>Description</b>
Illumination Distance(IR)	30m
Illumination Distance(Warm Light)	30m
Wavelength	850nm
IR On/Off Control	Auto/Manual
<b>Video</b>	<b>Description</b>
Video Compression	Ultra 265; H.265; H.264; MJPEG
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps Sub Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
Video Bit Rate	128 Kbps~6144 Kbps
U-code	Support
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video stream	Dual streams
<b>Image</b>	<b>Description</b>
White Balance	Auto; Outdoor; Fine Tune; Sodium Lamp; Locked; Auto2
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal; Flip Vertical; Flip Horizontal; 180°; 90°Clockwise; 90°Anti-clockwise
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital Defog
<b>Events</b>	<b>Description</b>
Basic Detection	Motion detection; Tampering alarm; Audio detection, Human Body Detection
General Function	Watermark; IP Address Filtering; Access Policy; ARP Protection; RTSP Authentication; User Authentication; HTTP authentication
<b>Audio</b>	<b>Description</b>
Audio Compression	G.711U; G.711A
Audio Bitrate	64 Kbps

Two-way Audio	N/A
Suppression	Support
Sampling Rate	8KHZ
<b>Storage</b>	<b>Description</b>
Edge Storage	Micro SD, up to 128 GB
Network Storage	ANR; NAS(NFS)
<b>Network</b>	<b>Description</b>
Protocols	IPv4; IGMP; ICMP; ARP; TCP; UDP; DHCP; RTP; RTSP; RTCP; RTMP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; SMTP; QoS; SSL/TLS; SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T); API; SDK
User/Host	Up to 32 users, 2 user levels: administrator and common user
Security	Password protection; Strong password; HTTPS encryption; Export operation logs; Basic and digest authentication for RTSP; Digest authentication for HTTP; TLS 1.2; WSSE and digest authentication for ONVIF
Client	UNV-Link; UNV-Link Pro; EZStation
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above; Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
<b>Interface</b>	<b>Description</b>
Audio I/O	N/A
Alarm I/O	N/A
Serial Port	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WIFI	N/A
Network	1 * RJ45 10M/100M Base-TX Ethernet
Video Output	N/A
<b>Certification</b>	<b>Description</b>
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130) FCC (FCC 47 CFR part15 B)
Safety	CE LVD (EN 62368-1) UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);
Protection	IP67 (IEC 60529)
<b>General</b>	<b>Description</b>
Power	DC 12V ± 25%, PoE (IEEE 802.3af) Power consumption: Max 2.8W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions	Φ 126 x 93.6mm (Φ 5.0" x 3.7" )
Weight	0.29kg (0.64lb)
Material	Metal + Plastic
Working Environment	-30 °C ~ 60 °C (-22 °F ~ 140 °F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30 °C ~ 60 °C (-22 °F ~ 140 °F), Humidity: ≤95% RH (non-condensing)

Surge protection	4KV
Reset button	N/A
Web Client Language	4 Languages English, Russian, Spanish, Vietnamese

## Dimensions

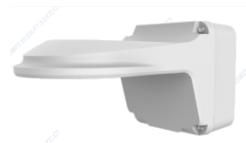


## Accessories

TR-JB03-H-IN-V2



TR-JB07/WM03-F-IN-V2



TR-WM03-B-IN-V2



TR-UP06-C-IN-V2



TR-A01-IN



TR-SE24-IN



TR-SE24-A-IN



TR-CM24-IN



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\* Product specifications and availability are subject to change without notice.