

EKDL-S31P4T44T1



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

EC-T4F28M-DL

- Day/night functionality
- Smart dual light, up to 30 m (98 ft) IR/warm light distance
- 2D/3D DNR (Digital Noise Reduction)
- Ultra 265, H.265, H.264, MJPEG
- Built-in Mic
- ROI (Region of Interest)
- ONVIF Conformance
- Wide temperature range: -30°C ~ +60°C (-22°F ~ 140°F)
- Wide voltage ranges of $\pm 25\%$
- IP67

Specifications

Model	NVR301-04S3-P4
Video/Audio Input	
IP Video Input	4-ch
Network	
Incoming Bandwidth	64Mbps
Outgoing Bandwidth	48Mbps
Remote Users	128
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SMTP, RTSP
Video/Audio Output	
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
Corridor Mode Screen	3/4
Decoding	
Decoding format	Ultra 265/H.265/H.264
Liveview/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
Hard Disk	
SATA	1 SATA interface

Capacity	up to 8TB for each disk
Smart	
VCA Detection by Camera	Face detection, Intrusion detection, Cross line detection, Audio detection, Enter Area, Leave Area
VCA Search	Face Search, Behavior Search
External Interface	
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface
USB Interface	Rear panel: 2 x USB2.0
PoE	
Interface	4 RJ-45 10M/100M self-adaptive Ethernet Interface
Max Power	Max 30W for single port Max 54W in total
Supported Standard	IEEE 802.3at, IEEE 802.3af
General	
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)
Model	EC-T4F28M-DL
Camera	
Resolution	4MP
Sensor	1/3.0" CMOS
Min. Illumination	Color: 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
Lens	
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°
DORI	
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)

Illuminator

Illumination Distance(IR)	30m
Illumination Distance(Warm Light)	30m
Wavelength	850nm
IR On/Off Control	Auto/Manual

Video

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

Image

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

Events

Behavior Detection	Cross line, intrusion(based on human body detection), Motion detection, tampering alarm
General Function	Watermark; IP Address Filtering; Access Policy; ARP Protection; RTSP Authentication; User Authentication; HTTP authentication

Audio

Audio Compression	G.711U; G.711A
Audio Bitrate	64 Kbps
Two-way Audio	N/A
Suppression	Support
Sampling Rate	8KHZ

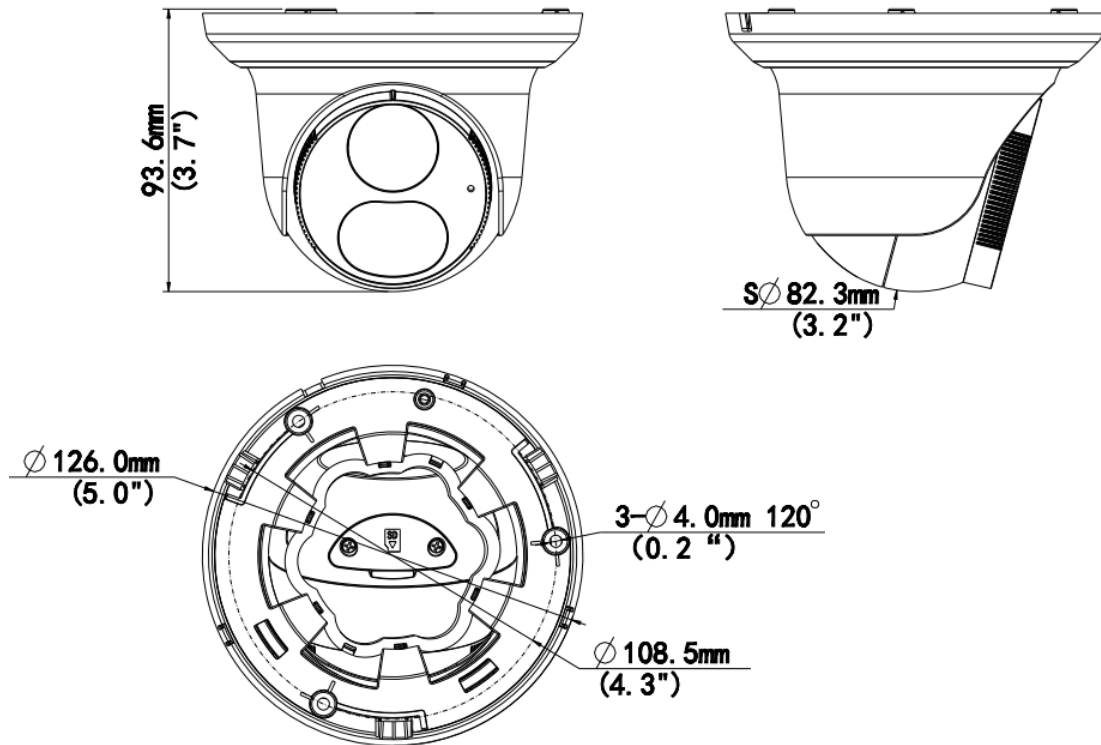
Storage

Edge Storage	Micro SD, up to 128 GB
Network Storage	ANR; NAS(NFS)

Network

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
Interface	
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
Certification	
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)
General	
Power	DC 12V $\pm$ 25%, PoE (IEEE 802.3af) Power consumption: Max 2.8W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions	Φ 118 x 98mm (Φ 4.6" x 3.9")
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

Dimensions



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