KIT/NVR301-04LS3-W/4*IPC2122LB-AF28WK-G

Features

- ・ ● NVR301-04LS3-W
- ・ Support cloud upgrade
- ・ Embedded WiFi Module with high-performance and high stability
- ・ Support CCMP encryption and WPA2-PSK authentication, Support IP cameras with WiFi in access
- ・ Support Ultra 265/H.265/H.264 video formats
- ・ 4-channel input
- ・ Support mainstream cameras of ONVIF conformance (Profile S, Profile G, Profile T) and RTSP protocols
- ・ Support 1-ch HDMI, 1-ch VGA
- ・ HDMI and VGA synchronous outputs provided
- ・ Up to 1080P resolution recording
- ・ 1 SATA HDD, Up to 6TB for each HDD
- ・ Support cloud upgrade

Specifications

Model	KIT/NVR301-04LS3-W/4*IPC2122LB-AF28WK-G
Camera	
Max Resolution	2 MP
Sensor	1/2.9" CMOS
Min. Illumination	Colour: 0.01 lux (F2.0 AGC ON) 0 lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment Angle	Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotate: 0° ~ 360°
S/N	>52 dB
WDR	DWDR
Case Type	Bullet
Lens	
Focal Length	2.8 mm
Iris Type	Fixed
Iris	F2.0
Field of View (H)	101.1°
Field of View (V)	55.0°
Field of View (D)	111.0°
Lens Type	Fixed
DORI	
DORI Distance (Lens)	2.8mm
DORI Distance (Detect)	45.0m(147.6ft)
DORI Distance (Observe)	18.0m(59.1ft)
DORI Distance (Recognize)	9.0m(29.5ft)
DORI Distance (Identify)	4.5m(14.8ft)
Illuminator	
Supplemental Light	IR
Illumination Distance (IR)	30 m (98.4 ft.)
Wavelength	850 nm
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: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps Sub Stream: 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
Video Bit Rate	128 Kbps to 6144 Kbps
U-code	Support
OSD	Up to 4 OSDs
Privacy Mask	Support (only NVR)
ROI	Up to 8 areas

Video Stream	Dual streams
Frame Rate-Main Stream	2MP (1920*1080), Max 30fps; 720P (1280*720), Max 30fps
Frame Rate-Sub Stream	640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps
Frame Rate Recommendation	1920*1080@30fps+ 640*360@30fps
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°
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital defog
Image Stabilization	N/A
Low Illumination Characteristics	Low-light
Events	
Basic Detection	Human body detection, Motion detection, Tampering alarm, Audio detection
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication
Active Deterrence	N/A
Motion Detection	Support
UMD (Ultra Motion Detection)	N/A
Tampering Detection	Support
Audio Detection	Support
Intrusion (based on Human Body Detection)	N/A
Voltage Detection	N/A
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	N/A
Suppression	Support
Sampling Rate	8 kHz
Storage	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)
Network	
Protocols	IPv4, TCP, UDP, DHCP, RTSP, DNS, DDNS, NTP, HTTP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users, 2 user levels: administrator and common user
Client	UNV-Link, UNV-Link Pro, EZStation
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+

Incoming Bandwidth	40 Mbps
Outgoing Bandwidth	40 Mbps
Remote Users	128
Wi-Fi	
Wireless Standards	IEEE802.11b/g/n
Frequency Range	2.4 GHz to 2.4835 GHz
Channel Bandwidth	20 MHz Support
Modulation Mode	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM/HT
Wi-Fi Security	64/128-bit WEP,　WPA-PSK/WPA2-PSK
Transmit Power	802.11b: 17±1.5 dBm@11 Mbps802.11g: 14±1.5 dBm@54 Mbps802.11n: 12.5±1.5 dBm@150 Mbps
Receive Sensitivity	802.11b: -90 dBm@11 Mbps (Typical)802.11g: -75 dBm@54 Mbps (Typical)802.11n: -74 dBm@150 Mbps (Typical)
Transmission Rate	802.11b: 11 Mbps802.11g: 54 Mbps802.11n: up to 150 Mbps
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	Support
Network	1 × RJ45 10 M/100 M Base-TX Ethernet
Video Output	N/A
Certification	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035) FCC (FCC 47 CFR part15 B)
RF	FCC ID (FCC CFR 47 part15 C)CE RED (EN 301 489-1, EN 301 489-17, EN 300 328, EN 62311)
Safety	CE LVD (EN 62368-1) CB (IEC 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)
Certification	CE; FCC; UL; RoHS; WEEE
General	
Power	DC 12V±25% Power consumption: Max 4.0W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	172 × 76 ×72 mm (6.8" × 3" × 2.8")
Weight	0.25 kg (0.55 lb)
Material	Metal + Plastic
Working Environment	-30 ℃ to 60 ℃ (-22 ℉ to 140 ℉), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-30 ℃ to 60 ℃ (-22 ℉ to 140 ℉), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	4 KV

Reset Button	Support
Web Client Language	4 Languages: English, Russian, Spanish, Vietnamese
RTC	Support
Built-in DC12V Output	N/A
Axis	3-Axis
Live View	
Maximum Bitstream	6
Maximum Bandwidth	50 Mbps
Plugin Free	Support
OSD Font	Lattice
OSD Color	Support
OSD Character Number	20
3D Privacy Mask	N/A
PTZ	
Number of Patrol	N/A
Snow Removal Mode	N/A
Patrol Recording	N/A
Number of Presets (IPC)	N/A
3D Positioning	N/A
Other	
Corridor Mode	N/A
Software Version	IPC_D1226
Compliance	
NDAA Compliant	Support
Intelligent	
Multi-target Detection	N/A
Decoding	
Decoding Format	Ultra 265, H.265, H.264
Decoding Capability	4 x 1080P@30
Video/Audio Input	
IP Video Input	4-ch
Video/Audio Output	
HDMI Output	1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
VGA Output	1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
RCA Audio Output	1-ch
Snapshot	
FTP/Schedule/Event Snapshot	1-ch snapshot, up to D1 resolution
Recording	
Recording Resolution	1080P/960P/720P/960H/D1/2CIF/CIF/QCIF
Synchronous Playback in	4-ch

Local	
Alarm	
General Alarm	Motion Detection, Tampering, Human Body Detection, Video Loss, Alarm Input
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Recording/Snapshot Abnormal
Hard Disk	
SATA	1 SATA Interface
Capacity	Up to 6 TB for each HDD (The maximum HDD capacity varies with environment temperature)
External Interface	
Network Interface	1 RJ45 10 M/100 M self-adaptive Ethernet Interface
USB	Rear panel: 2 × USB2.0
RS485	N/A
RS232	N/A
Alarm In	N/A
Alarm Out	N/A
WiFi	
Frequency	2.4 GHz
Working Environment	
Working Temperature	-10 ℃ to 55 ℃ (14 ℉ to 131 ℉)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HDD)	≤9W
Dimensions	
Weight (without HDD)	0.58KG