

8MP 16 CHANNEL X SERIES IP KIT

ONVIF® | G S T | NDA Compliant | N



The **XKIT120VIP8MP-AI** is a powerful and intelligent surveillance solution designed for maximum security and ease of installation. It includes 12× XEBATVIP8MP28-AI-L cameras and 1× GSD-NVROV6K-16-N network video recorder, ideal for residential and commercial applications.

The cameras deliver clear 8MP video with full-color imaging even in complete darkness. Equipped with active deterrence features such as blue and red lights and a built-in siren, they help prevent intrusions. A built-in microphone and speaker allow for custom voice messages and real-time interaction.

The GSD-NVROV6K-16-N NVR supports up to 12MP recording with 4K HDMI output. Featuring 16 PoE ports with E-PoE, it enables quick and easy installation. With ONVIF compatibility, P2P remote access, and support for up to 20TB storage, it ensures reliable performance.

This kit is also available in black - XKIT120VIP8MP-AI-B

8MP
RESOLUTION



8MP
Resolution

2.8MM
Lens



Two-way
Communication

12MP
RESOLUTION

Up to 12MP
Resolution

ONVIF

ONVIF Compliant
(G/S/T)

4K

4K HDMI Output



Rackmount
Compatible



IR Up to 25M



See in color at
night



Deterrence Lights
& Siren



2HDD slot up to
20TB



1080P VGA
Output



P2P Connection



ONVIF Encoder

VIDEO

Image Device	1/2.7"
Effective Pixels	8MP 3840 (H) x 2160 (V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.007lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON

LENS

Focal Length (Zoom Ratio)	2.8 mm
Max. Aperture Ratio	F No. 1.0
Angular Field of View	Horizontal : 110°, Vertical : 58°, Diagonal : 131°
Min. Object Distance	2m
Lens Type	Fixed (M12)

OPERATIONAL

IR LED	1
Warmlight	2
Red and Blue Light	2 (1 Red & 1 Blue)
IR Viewable Length	Up to 25 m
Warmlight Viewable Length	Up to 20 m
Type of Complementary Light	Default warm light, switchable infrared light
Wide Dynamic Range	DWDR
Digital Noise Reduction	3D DNR
Motion Detection	Off/On (8 Level)
Image Setting	Day&Night Mode/Full Color Mode/Schedule
White Balance	Auto/Manual
Electronic Shutter Speed	1/5 ~ 1/20000s
On-Board Storage	Micro SD slot, up to 1TB
Alarm	N/A
Audio	Built-in microphone & Speaker
Custom Voice	Yes
Hardware Reset	Yes
Smart Features	Rare Sound Detection (SD) , Perimeter Intrusion Detection (PID), Face Detection (FD), Stationary Object Detection (SOD), Crowd Density Detection (CD), Human&Vehicle Detection (PD&VD), Line Crossing Detection (LCD), Queue Length Detection (QD), Heat Map (HM), Cross Counting (CC), License Plate Detection (LPD)

NETWORK

Ethernet	RJ45(10/100BASE-T)
Video Compression Format	H.265/H.264
Resolution	Mainstream @30fps 8MP(3840x2160), 5MP(2592x1944) (3072x1728), 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 960P(1280x960), 720P(1280x720) Substream @30fps 720P(1280x720), VGA(640x480), QVGA(320x240) Mobile Stream @30fps VGA (640x480), QVGA (320x240)
Video Quality Adjustment	256Kbps ~ 16Mbps
Bitrate Control Method	CBR/VBR
IP	IPv6
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP, SMTP,NTP,UPnP,SNMP,HTTPS,FTP
Security	IP address filter;complicated password; Authenticated username and password
Application Programming Interface	ONVIF(Profil S/G/T)
Compatible Web Browsers	IE10/11, Safari V12.1/above, Firefox V.52/ above,Google chrome V.57/above, Edge V.79/ above

GENERAL

Operating Conditions	-35°+60°C/ Less than ≤ 95% RH
Ingress Protection	IP67
Input Voltage/ Current	D12V/POE (IEEE802.3af)
Power Consumption	DC12V: max 5.9W; POE (48V): max 7.1W
Color/Material	White/Metal
Dimension (LXHXP)	100*100*90mm
Weight	425g



RECORDING BANDWIDTH

Resolution	12MP/8MP/5MP/4MP/3MP/1080p/720p
Input	320M
Output	320M

PERFORMANCE

Recording Compression	Audio: G.711A,G.711U Video: H.264/H.265/H.264+/H.265+
Speed	12MP: 30fps 8MP: 120fps 4MP: 240fps 2MP: 480fps
Playback	1080P: 480fps Max 16CH

Network

Remote Connection	Up to 640 Users
WEB	IE10/11, Safari V12.1 above, Firefox V.52 above, Google chrome V.57 above, Edge V.79 above
Protocols	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SMTP, SNMP, UPnP, HTTP, HTTPS
API	Onvif (profile G/S/T)
Voice command	Home Device: Google Assistant, Amazon Alexa

AI FEATURES INSTANT NOTIFICATIONS

Human Detection	Region Entrance		
Vehicle Detection	Region Exiting		
Perimeter Intrusion Detection	Rare Sound Detection		
Line Crossing Detection	Stationary Object Detection		
License Plate Detection	Crowd Density Detection		
Facial Recognition	Heat Map		
Intrusion Detection	Noise Detection		
Cross-Counting	Video Tampering		
Fall Detection	Multi Target Type Detection		
Vehicle/Human Attributes	Temperature Measurement		
Fire & Smoke Detection	Face Masking		
AI MAX CAPTURED QUANTITY	200,000	AI REGISTERED QUANTITY	10,000

INTERFACE

P/W Reset	Yes
VGA	1(1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080)
HDMI	1(1024*768, 1280*720, 1280*1024, 1440*900, 1600*1200, 1920*1080, 1920*1200, 2560*1440(2K), 3840*2160 (4K))/EDID 1(1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080) Async out
Ethernet	2 RJ45 100/1000 Base-T
PoE	16*RJ45, 100 Base-T 802.3at/af
USB	USB2.0*1(front) USB3.0*1+USB2.0*1(rear)
Audio Out	1 in / 1 out
E-SATA	1
HDD	2, each up to 20TB each
RS485	1
Alarm Input/Output	16 in / 4 out

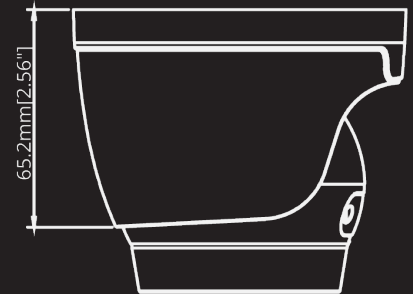
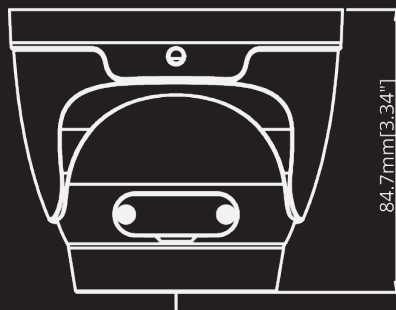
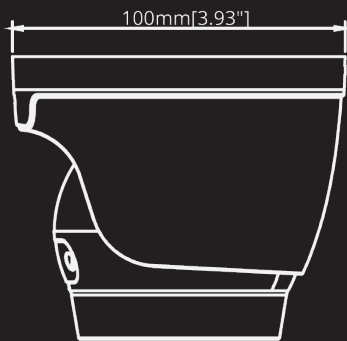
GENERAL

OSD Language	English/French/Spanish/Portuguese/German/Italian/Greek/Danish/Finnish/ Russian/ Hebrew/Turkish/Bulgarian/Arabic/Korean/ Japanese/Thai/Hindi/ Romanian/Dutch/Polish/ Persian/Hungarian/Chinese/Ukrainian
Dimension (WxDxH)	378*317*50mm
Weight	2975g
Input Voltage/Current	ATX 280W
Power consumption (excluding hard disk)	12W
Operating Temperature/ Humidity	Temperature: -10°C~+50°C (14°F ~ 122°F) Humidity: Less than 90%RH
FCC/CE	Yes
Rackmount Compatible	Yes



DIMENSIONS

Length: 378MM | Width: 317MM | Height: 50MM



COMPATIBLE HARD DRIVES



WD-HDDPURPLE-4T
UP TO 4TB HARD DRIVE



WD-HDDPURPLE-8T
UP TO 8TB PRO HARD DRIVE



WD-HDDGOLD-16T
UP TO 16TB GOLD HARD DRIVE

SECURITY. INNOVATION. RELIABILITY.

POWERED BY G.S.D GROUP

At G.S.D Group, we design and deliver innovative, reliable, and high-performance security solutions that protect people, businesses, and critical infrastructure. From intelligent surveillance and access control to enterprise software and AI-powered technologies, we provide complete security ecosystems built for today's challenges and tomorrow's opportunities.

STAY CONNECTED



CONTACT US



YOUTUBE



LINKEDIN



NEWSLETTER

COMPLIANCE



CE MARKING



FCC CERTIFICATE



RoHS COMPLIANT



NDAA COMPLIANT

CONNECTION & INTERFACES



HS CODE



UPC CODE



ONVIF COMPLIANT



4K HDMI Output

DOWNLOAD THE OV CONNECT APP



WWW.GSDGROUPINC.COM A CANADIAN ENTERPRISE