



VNN64LU4AR

8 megapixel UHD 4K Outdoor Bullet IP Camera

Features

- 1/2.8" 8.5 MP Super Low-light image sensor
- 3840 x 2160(V) 8MP/30fps
- Smart H.265/H.264
- 2.7~13.5mm5x Motorized Zoom Lens
- 164' IR Beam Distance (Built-in Hi-Power IRs)
- Multi Streaming of H.265, H.264, and M-JPEG
- Real-time 30fps to all triple codecs
- VBR/CBR/SRC in H.265/H.264
- Ultra SRC (Smart Rate Control)
- Digital PTZ (Drag & Drop Zoom control)
- True WDR (120dB)
- 2D+3DNR, Smart IR
- 0.1Lux in Color/0'Lux in BW IR (Ultra Starlux)
- Advanced ROI (Region of Interest)
- Power/Network status indication
- Anti-condensation sensor & Heater
- Tool-Free 3-Axis
- 12VDC/ IEEE802.3af POE
- ONVIF Conformant (Profile-S, Profile-T)
- Waterproof (IP67)
- Vandal-proof (IK10)
- Includes Windows-based IP Installer and license-free 16 channel S/W NVR

Model	VNN64LU4AR
System	
CPU	ARM quad-core Cortex-A53 1.0GHz CPU with L2 cache
Flash	4Gbit Flash memory
SDRAM	4Gbit*2 DDR3 memory
Camera	
Image sensor	8.5 Megapixel 1/2.8" SONY progressive scan CMOS image sensor
Total Pixels	3864(H) x 2228(V) 8.57 Megapixel
Effective Pixels	3864(H) x 2192(V) 8.51 Megapixel
S/N Ratio	More than 50dB
Min. Illumination	0.1lux at Color/ 0 Lux at BW (IR on)
IR Distance	164' (50M) (Built-in High-Power IR LEDs)
Day & Night	True D/N w/ ICR Filter Change
Lens	2.7~13.5mm Motorized Zoom Lens

 **NDAA COMPLIANT**
TAA COMPLIANT

Video	
Video compression	H.265/HEVC Main Profile Level 5.1, H.264 MP/HP Level 5.1, MJPEG encoding
Resolution	Up to 3840 x 2160@30fps
Frame rate	1st stream - H.265/H.264 up to 30fps @ 3840 x 2160p, 2nd stream - H.265/H.264 up to 30fps @ 640 x 360p, 3rd stream - H.264/MJPEG up to 30fps @ 640 x 360p
Video streaming	Multi-stream with H.265/H.264, MJPEG, Adjustable frame rate, SRC/VBR/CBR in H.265/H.264
Backlight	True-WDR, ATR
Shutter Speed	1/30 ~ 1/10,000 sec
Corridor view	Corridor view in H.265/H.264
Noise reduction	3DNR
Image setting	Brightness, Contrast, Sharpness, Day & Night, Auto White Balance, Auto exposure, Privacy mask, DSS, Corridor-view, Mirror/V-Flip, etc.
Audio	
Audio Streaming	Two Way, full duplex
Audio Compression	G.711
Sample Rate	64Kbps/8kHz
Cable Out	
Audio In/Out	Audio In, Speaker Out w/ 2 x RCA females
Alarm In/Out	Sensor In, Alarm Out w/ 4 x Lead wires
CVBS Video	BNC female x 1
12VDC	DC Male Jack x 1
POE	RJ45 Jack x 1
System Integration	
Security	Password Protection, User access log, HTTPS encryption
Supported protocol	HTTP, HTTPS, DNS, RTSP, RTP, TCP, UDP, ICMP, DHCP
Intelligent video	Motion detection with 12x 12 block
Alarm trigger	Motion detection, External input (NC/NO)
Alarm events	File upload via FTP/Email, Notification via Email/FTP/TCP, External alarm output
Video buffer	SMB pre-alarm and 180 sec (max) post-alarm
Firmware upgrade	Remote upgrade via network
API	CGI Interface document
General	
Power Source	DC12V/1.5A, PoE (Power over Ethernet): 802.3af
Onboard Storage	Micro SD/SDHC Slot
Power Consumption	Max. 7.2W with IR & Heater On (At DC 12V)
Net Weight	2.3lbs (1,060g) (Camera only)
Status indication	R (Power only), G (Power & Network Connected)
Dimension (W x H x D)	2.8 x 3.9 x 10.3 in (72 x 98.5 x 262.5mm)
Environmental	
Thermal sensor and Heater	Built-in for anti-condensation
Weather resistance	IP67
Vandalism resistance	IK10
Operating Temperature	-40°F ~ 140°F (-40°C ~ 60°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Software	
Included Software	NVR C/S (16 Channel), IP Installer (Windows only)

Ordering Information

VNN64LU4AR: 8 megapixel Bullet IP Camera