

NDAA COMPLIANT
TAA COMPLIANT



VNV25LU4AR

8 megapixel UHD 4K Full Frame Outdoor Vandal Dome IP Camera

Features

- 1/2.8" 8.4 MP Progressive scan image sensor
- 38640(H) x 2160(V) 8MP/30fps
- Smart H.265/H.264
- 0.2Lux in Color/0 Lux in BW IR
- 2.7"~13.5mm 4K Motorized Zoom Lens
- 164' IR Beam Distance (Built-in High-Power IRs)
- Triple 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 zoom in/out
- Real WDR (120dB)
- 2D+3DNR, Smart IR
- Corridor view in H.265/H.264
- Motion detection
- 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)
- Waterproof (IP67)
- Vandal-proof (IK10)
- Includes Windows-based IP Installer and license-free 16 channel NVR software

Video	
Video compression	H.265 Main profile @Level5.1 / H.264 MP/HP profile @Level5.1 / Motion JPEG
Resolution	Up to 3840 x 2160@30fps
Frame rate	(1st Stream) H.265/H.264 up to 30fps @4K (3840x2160) (2nd Stream) H.264 up to 30fps @VGA (640x360) (3rd Stream) H.264/MJPEG up to 30fps @ VGA (640x360)
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 up with 12x 12 block
Video buffer	5MB 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. 8.4W with IR & Heater On (At DC 12V)
Net Weight	2.2lbs (1,000g) (Camera only)
Status indication	R (Power only), G (Power & Network Connected)
Dimension	5.1 in (130 Ø)mm
Environmental	
Thermal sensor and Heater	Built-in for anti-condensation
Waterproof	IP67
Vandal-proof	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)

Model	VNV25LU4AR
System	
CPU	ARM quad-core Cortex-A53 1.0GHz with L2 cache
Flash	4Gbit Flash memory
SDRAM	4Gbit x 2 DDR3 Memory
Camera	
Image sensor	8.4 Megapixel 1/2.8" SONY progressive scan CMOS
Total Pixels	3840(H) x 2228(V) 8.6 Megapixel
Effective Pixels	3840(H) x 2192(V) 6.46 Megapixel
S/N Ratio	More than 50dB
Min. Illumination	0.2lux 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

Ordering Information

VNV25LU4AR: 8 megapixel Dome IP Camera

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