

# VNN621U4AR

## 8 Megapixel Night Vision Bullet IP Camera

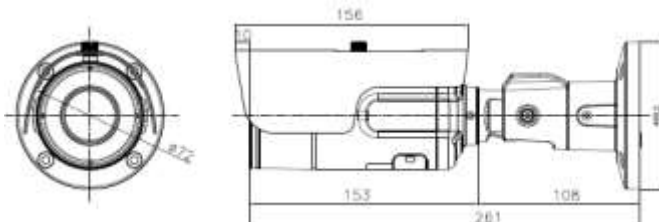
H.265(HEVC),H.264  
8M Sony STARVIS CMOS Sensor  
ARM Cortex-A9  
Max. 4K (3840 x 2160 @25fps) resolution  
Standard POE, Night Vision with Hi-Power IR LED's,  
Smart HEVC low bitrate



### Key Features

- 8.51 Mega pixel 1/2.5" STAVIS SENSOR
- 3.6~11mm MP VF Lens
- 50M IR Beam Distance (Built-in High Power LED's)
- Supports image resolution up to 8MP
- Perfect tool-free 3-Axis mechanism inside
- Extended IR life span
- Triple Streaming of H.265/HEVC,H.264 and MJPEG
- Supports image resolutions 4K (3840 x 2160@30fps)
- Support IP67
- Supports CBR (constant bit rate) and VBR (variable bit rate) modes
- Supports Tampering-Alarm in VA(video analytics)function
- Supports IEEE 802.3af Power over Ethernet injectors, mid- and end-spans
- Controllable frame rate
- Supports WDR, 3DNR
- Corridor view in H.264
- 12VDC/ IEEE802.3af POE
- Conformant with ONVIF (Profile-S)
- Includes Windows based IP Installer and license-free 16 channel NVR(Network Video Recorder) software

### Dimension (mm)



## 4K Network IR Bullet IP Camera ,,, With Junction Box Specifications

MODEL	VNN621U4AR
<b>System</b>	
CPU	ARM Cortex-A9 (1 GHz, Instruction cache: 32kbyte, data cache: 128kbyte-L2, FPU )
Flash	2Gbit Flash memory
SDRAM	8Gbit DDR3
<b>Camera</b>	
Image sensor	8.5 Mega 1/2.5" SONY STARVIS image sensor
Total Pixels	3864(H) x 2218(V) 8.57 Megapixel
Effective Pixels	3864(H) x 2202(V) 8.51 Megapixel
S/N Ratio	More than 50dB
Min. Illumination	0 Lux (IR On)
IR Distance	50M ( Built-in Power LED's)
Day & Night	Auto / Color / B/W - ICR Filter Changer
Lens	3.6~11mm MP VF Lens
<b>Video</b>	
Video compression	H.265/HEVC Main Profile Level 5.1 encoding H.264 High profile @Level 5.1 MJPEG
Resolutions	Up to 3840 x 2160@30fps
Video streaming	Support multi stream with H.265,H.264, MJPEG Adjustable frame rate VBR/CVBR (Smart HEVC low bitrate)
Back light	WDR(Low/Middle/High) / HDR
Shutter Speed	1/4 ~ 1/2000
Noise reduction	3DNR
Image setting	Brightness, contrast, Sharpness Day & Night Auto White Balance Auto Exposure Privacy Mask DSS, Corridor-view(in H.264), Mirror/V-Flip, etc.
<b>Audio / Alarm</b>	
Audio Streaming	Two Way, Full-Duplex
Audio Compression	G.711 / G.726
Sample Rate	8 ~ 48KHz
Audio In/Out	Microphone input / 1x Line-In, Line-Output / 1x Line-Out
<b>System Integration</b>	
Security	Password Protection, User access log, HTTPS encryption
Supported protocol	HTTP, HTTPS, DNS, RTSP, RTP, TCP, UDP, ICMP,DHCP, SNMP, IP-FILTER
Intelligent video	Object based Motion detection up with 12x 12 block
Alarm events	Motion detection, External Input(NO/NC Type)
Video buffer	5MB pre-alarm and 180 sec (max) post-alarm
Firmware upgrade	Remote upgrade via network
API	CGI Interface document
<b>Physical</b>	
Power Source	DC12V/1.5A, PoE(Power over Ethernet): 802.3af
Storage	Micro SD Slot (Built-in)
Power Consumption	Max. 7.6W with IR ON((External DC 12V used)
Net Weight	1,200g((Camera Only)
LED's	Power, Network Connection
Dimension	72mm(W) x 98.5mm(H) x 261mm(D) incl. Bracket
<b>General</b>	
Operating Temperature	-10 degree~50 degree Celsius(14F~122F)
Storage Temperature	-20 degree~60 degree Celsius(-4F~140F)
<b>Software</b>	
Included Software	NVR C/S (16 Channel), IP Installer (Windows only)

\* Specifications are subject to change without prior notice.

Made in Korea