

# 8M PANORAMIC BULLET CAMERA

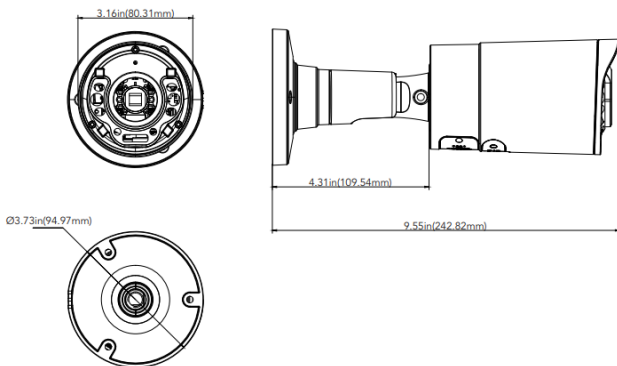
180°



## Feature

- 8MP (3840x2160) H.265+, H.265, H.264+, H.264, MJPEG
- Max. resolution: 3840x2160
- Full Color / Active Deterrence Camera
- 2.0mm Fixed Lens (F2.4)
- 3D DNR, WDR, HLC, BLC, ROI encoding
- Intelligent Analytics
- White Light LED / Strobe (Blue & Red) Light
- Built-in MIC / Speaker
- Built-in micro SD card slot, up to 256GB
- IP67 ingress protection
- DC12V/PoE power supply

## Dimension



## VVK-NPB81F180

### Specification

<b>Camera</b>	
Imaging Device	1/2.8" Progressive CMOS
Resolution	Main Stream : 3840x2160, 3072x1728, 2592x1944, 2592x1520, 2304x1296, 920x1080, 1280x960, 1280x720
	Sub Stream : 1280x720, 640 x 480
	Mobile Stream: 640x480
Min. Illumination	Color : 0.007lux @ F1.0(AGC on), B/W 0 Lux (IR LED on)
<b>Lens</b>	
Focal Length	2.0mm Fixed
Max. Aperture Ratio	F2.4
Angular Field of View	Horizontal: 180°, Vertical: 91°, Diagonal: 180°
Min. Object Distance	1.96ft (0.6M)
Focus Control	N/A
Lens Type	Fixed(M12)
<b>Operational</b>	
Alarm I/O	N/A
Alarm Triggers	Motion, Sound Detection
Alarm Events	Warning Light, Siren, Notification vis E-mail, Image file upload vis FTP, Video file upload via FTP, Image file upload to Cloud (Drobox)
	Video file upload to Cloud (Dropbox), Micro SD recording at event triggered, Event Push via HTTP / UDP
Audio In	Built-in MIC
Audio Out	Built-in Speaker
IR Viewable Length	Max. 25M / White Light LED Max.15M
<b>Network</b>	
Video Compression	H.265+/H.265 Main Profile, H.264+/H.264 High Profile, MJPEG(Sub Stream Only)
Audio Compression	G.711a / G.711u
Bitrate Control	CBR or VBR (256Kbps ~ 16Mbps)
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
Application Programming Interface	ONVIF Profile S/G/T, REST API
<b>General</b>	
Webpage Language	English, Korean
Edge Storage	Micro SD/SDHC/SDXC Slot (256GB)
<b>Environmental &amp; Electrical</b>	
Operating Temperature	-30 ~ +55°C
Certification	IP67
Input Voltage	PoE(IEEE802.3at) /12VDC
Power Consumption	Max. 12W
<b>Mechanical</b>	
Color / Material	White / Metal
Product Dimensions / Weight	151.3mm x 74.1mm x 74.1mm / 388g