

PixelPro Network Camera 8 Megapixel Bullet Series



PixelPro AI

Features:

- Deep Learning based AI capable
- Fine tuned ISP(Image Signal Processor)
- H.265 Multiple profile streaming support
- Quadruple Streaming
- Various bitrate control: CBR/ VBR/ VBR+
- Plug & Play with Pixelmaster NVR
- ONVIF profile S, G & Q support
- Aluminum Die-casting with IP67

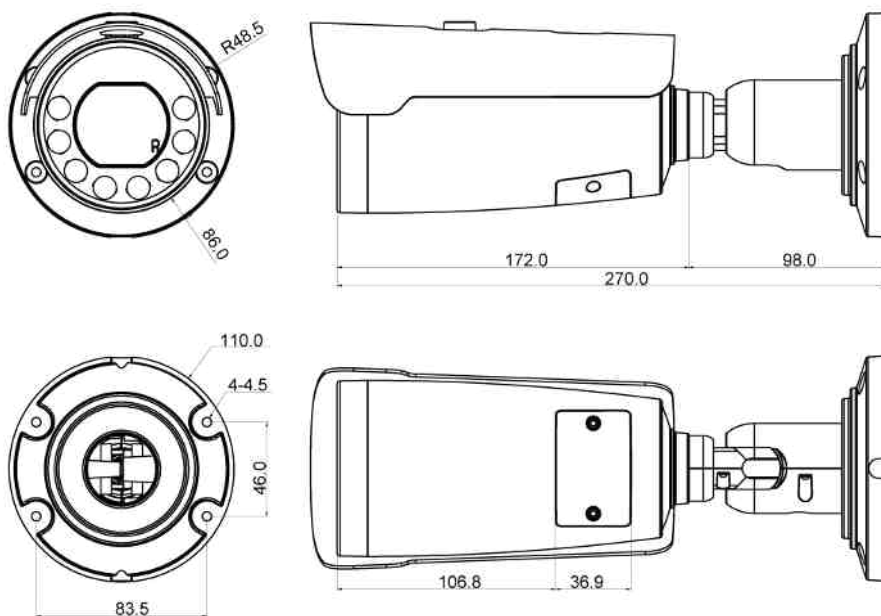
SPECIFICATION

Model	ZNU-B8M310DP
	
Image sensor	1/2.8" Low light CMOS Progressive scan
Effective pixel	3840 x 2160
Min. Illumination	Color: 0.003 Lux @ (F1.4, AGC ON) BW: 0Lux(IR LED)
Electronic Shutter	Auto/Manual, 1/4 ~ 1/10000s
IR distance	30m
Day & Night	Auto (ICR) / Color / B/W / Schedule
Pan / Tilt / Rotation	360° / 90° / 360°
Focal Length / Focus	2.7~13.5mm / Auto
Aperture	F1.4
Iris	DC-Iris
Angle of View FOV (H/V/D)	94.9/86.2/121.5 ~ 28.5/17.6/33.6
Video Compression	H.264 / H.265 / MJPEG
Video Frame rate	3840x2160 30fps
Video Bit Rate Control	CBR/VBR/VBR+
Stream	Main Stream: 3840x2160, 2592x1944, 2592x1520, 2304x1296, 2048x1536, 1920x1080, 1280x1024, 1024x768, 1280x720, 704x576, 704x480, 640x480, 640x360, 352x288, 352x240 Second/Third Stream : 640x480, 640x360, 352x288, 352x240 & SVC Fourth Stream
Video Bit rate	Main Stream : 512 ~ 15000 kbps Second / Third / Fourth Stream : 512 ~ 8000 kbps
BLC	Yes
3DNR	Yes
WDR	Yes, ≥120dB TWDR
White balance	ATW / Manual
Audio compression	G.711
Network	10/100Mbps
Protocol	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, SMTP, FTP, UPnP, HTTP, HTTPS, SSL/TLS
Compatibility	ONVIF (Profile S, G & Q), CGI
Alarm In/Out	1 / 1
Audio In/Out	1 / 1
Storage	Micro SD (up to 2TB)
Power supply	PoE / DC12V / AC24V
Operating conditions	-20°C ~ 55°C / 0%~90% Humidity
Ingress Protection	IP67
Vandal Resistance	IK10
Dimensions	ø86mm x 270mm
Net weight	1.1kg
Gross weight	1.4kg

Licence Overview

License	Prerequisite	Description
ZNS-AI-A00	Included	Algorithm optimized for the differentiation of persons and objects
ZNS-AI-A05	-	Vehicle recognition and differentiation of cars, buses, trucks, bicycles, motorcycles
ZNS-AI-A06	-	Identification of animals, refined by deep learning
ZNS-AI-D00	-	Recognising people who have fallen
ZNS-AI-D02	-	Remote object detection
ZNS-AI-D03	-	Detection for appearing object

DIMENSIONS (unit:mm)



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