

820
SERIES



Summary

This low-profile, bullet IP camera features 8MP resolution for 4K viewing. Featuring IR night viewing that eliminates over-exposure in dim settings and evenly illuminates the subject. With OvrC, on-site or remote configuration is a breeze, no longer requiring you to tediously navigate each camera's local UI. Adjust image settings in real-time, setup recordings, and more all via OvrC. Control System integration is always top of mind, and this camera is packed with features for Control4 along with many other popular control systems.

Features

- AI-filtered events
- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max.resolution: 8MP (3840 × 2160)
- ICR auto switch, true day/night vision
- 30-50m IR night view distance
- 3D DNR, true WDR, HLC, BLC and ROI coding
- Supports noise reduction & image distortion correction
- 1CH audio input and 1CH built-in MIC
- Built-in micro SD card slot; up to 256GB
- DC12V/PoE power supply
- IP67 ingress protection
- Support four streams
- Remote monitoring support via Luma View app

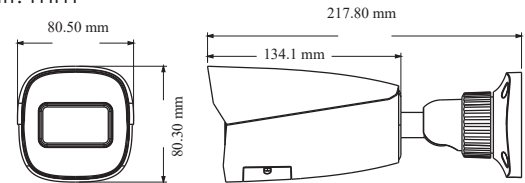
Mounting Accessories (optional)



Junction Box LUM-A20-JB-FX-BT
Wall Mount Bracket LUM-A20-WMB-FX-TD
Ceiling Mount LUM-A20-CM-FX-TD
Gang Plate LUM-A20-GANGPLATE

Dimensions

Unit: mm



Specifications

Product	LUM-820-IP-BF
Resolution	3840 x 2160
Shutter Speed	1s - 1/1000000s
Min. Illumination	0.02 lux, AGC ON; 0 lux with IR
Lens	2.8mm
Aperture	F1.6
Field of View	Horizontal FoV: 106.7°/Vertical FoV: 56.9°/Diagonal FoV: 127.9°
IR Range	30 - 50m
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Digital Noise Reduction	Yes
Angle Adjustment	Pan: 0° - 360°/Tilt: 0° - 90°/Rotation: 0° - 360°
Video Compression	H.265+/H.265/H.264+/H.264
Main Stream	H.265(+): 3840 x 2160 30fps H.264(+): 3840 x 2160 30fps H.265(+): 3072 x 2048 30fps H.264(+): 3072 x 2048 30fps H.265(+): 2592 x 1944 30fps H.264(+): 2592 x 1944 30fps H.265(+): 2592 x 1520 30fps H.264(+): 2590 x 1520 30fps H.265(+): 2560 x 1440 30fps H.264(+): 2560 x 1440 30fps H.265(+): 2304 x 1296 30fps H.264(+): 2304 x 1296 30fps H.265(+): 1920 x 1080 30fps H.264(+): 1920 x 1080 30fps H.265(+): 1280 x 720 30fps H.264(+): 1280 x 720 30fps
Sub & Third Stream	H.264: 704 x 480 (30fps)
Fourth Stream	H.265: 1920 x 1080 30fps H.264: 1920 x 1080 30fps MJPEG: 1920 x 1080 30fps H.265: 1280 x 720 30fps H.264: 1280 x 720 30fps MJPEG: 1280 x 720 30fps
Audio & Alarm	Audio input
Storage	Built-in micro SD card slot/Up to 256GB
Reset Button	Yes
ONVIF Comformance NDA Compliant	Yes/Yes
Basic Event	Motion Detection/SD Card Full/SD Card Error
AI Event	Line Crossing/Region Intrusion/Region Entrance/Region Exit/Target Counting
AI Category	Human/Motor Vehicle/Non-motor Vehicle
Protection	IP67
Power Supply	DC12V/PoE
CVBS Output	No
Power Consumption	< 9W
Operating Temperature & Humidity	-22 F - 140F (-30 C - 60C) Less than 95% (non-condensing)
Dimensions & Weight	217.8mm x 80.5mm x 80.3mm, 0.68KG (1.5lbs)
Certifications	ETL Listed, CE, FCC