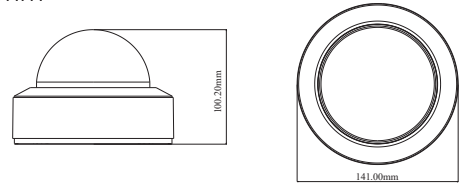


820  
SERIES



## Dimensions

Unit: mm



## Specifications

| Product                            | LUM-820-IP-DM  |
|------------------------------------|--|
| Resolution                         | 3840 x 2160  |
| Shutter Speed                      | 1s - 1/1000000s  |
| Min. Illumination                  | 0.015 lux, AGC ON; 0 lux with IR   |
| Lens                               | 2.8 - 12mm   |
| Aperture                           | F1.4   |
| Field of View                      | Horizontal: 97° - 32°/Vertical: 57° - 18°/Diagonal: 115° - 36°   |
| IR Range                           | 30 - 50m   |
| Wide Dynamic Range                 | 120dB  |
| BLC                                | Yes  |
| HLC                                | Yes  |
| Digital Noise Reduction            | Yes  |
| Angle Adjustment                   | Pan: 0° - 345°/Tilt: 0° - 77°/Rotation: 0° - 345°  |
| Video Compression                  | H.265+/H.265/H.264+/H.264  |
| Main Stream                        | H.265(+): 3840 x 2160 30fps<br>H.264(+): 3840 x 2160 30fps<br>H.265(+): 3072 x 2048 30fps<br>H.264(+): 3072 x 2048 30fps<br>H.265(+): 2592 x 1944 30fps<br>H.264(+): 2592 x 1944 30fps<br>H.265(+): 2592 x 1520 30fps<br>H.264(+): 2590 x 1520 30fps<br>H.265(+): 2560 x 1440 30fps<br>H.264(+): 2560 x 1440 30fps<br>H.265(+): 2304 x 1296 30fps<br>H.264(+): 2304 x 1296 30fps<br>H.265(+): 1920 x 1080 30fps<br>H.264(+): 1920 x 1080 30fps<br>H.265(+): 1280 x 720 30fps<br>H.264(+): 1280 x 720 30fps |
| Sub & Third Stream                 | H.264: 704 x 480 (30fps)   |
| Fourth Stream                      | H.265: 1920 x 1080 30fps<br>H.264: 1920 x 1080 30fps<br>MJPEG: 1920 x 1080 30fps<br>H.265: 1280 x 720 30fps<br>H.264: 1280 x 720 30fps<br>MJPEG: 1280 x 720 30fps  |
| Audio & Alarm                      | Built-in microphone/Audio input & output/<br>1 x Alarm input/1 x Alarm output  |
| Storage                            | Built-in micro SD card slot/Up to 256GB  |
| Reset Button                       | Yes  |
| ONVIF Compliance<br>NDAA 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                        | Yes (Pigtail & Test Port)  |
| Power Consumption                  | < 9W   |
| Operating Temperature & Humidity   | -22 F - 140F (-30 C - 60C)<br>Less than 95% (non-condensing)   |
| Dimensions & Weight                | 141mm x 100.2mm, 0.89KG (1.96lbs)  |
| Certifications                     | ETL Listed, CE, FCC  |



## Summary

This low-profile, motorized, dome 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 x 2160)
- ICR auto switch, true day/night vision
- 30-50m IR night view distance
- 2.8mm - 12mm motorized zoom lens
- Built-In Mic/1CH audio input
- Built-in micro SD card slot; up to 256GB
- DC12V/PoE power supply
- Support four streams
- IP67 and IK10
- Remote monitoring support via Luma View app

## Mounting Accessories (optional)



Junction Box LUM-A20-JB-VF-DOM  
Wall Mount Bracket LUM-A20-WMB-VF-TD  
Ceiling Mount LUM-A20-CM-VF-TD