# AI PTZ Precision

**SL-UVC-AI-PTZ-Precision** PROTECT CAMERA

Industrial-grade 4K PTZ camera with enhanced AI capabilities, 31× optical zoom, adaptive IR LED night vision, and LiDAR technology for faster autofocus.









Available as: SL-UVC-AI-PTZ-Precision-B, SL-UVC-AI-PTZ-Precision-W

## OVERVIEW

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|---|---|
| **Dimensions** | Without mount: ⌀241 × 349 mm (⌀9.5 × 13.7")<br>With mount: 372 × 241 × 299 mm (14.7 × 9.5 × 11.8") |
| **IR Night Vision** | 100 m (328 ft) |
| **Zoom Mode** | 31x Optical |
| **Lightning Zoom** | Coming Soon |
| **Face Recognition** | ✓ Yes |
| **License Plate Recognition** | ✓ Yes |
| **Smart Detections (People, Vehicles, Animals)** | ✓ Yes |
| **Resolution** | 4K |
| **Field of View** | Wide: H: 59°, V: 34.1° , D: 67.1°<br>Tele: H: 1.98°, V: 1.12° , D: 2.27° |

| | |
|---|---|
| **Pan-Tilt Range** | Pan: 360° (Endless)<br>Tilt: 120° |
| **Weatherproofing** | IP66 |
| **Mounting** | Wall, Pole mount, Desk stand (Included) |

## PERFORMANCE

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|---|---|
| **Networking Interface** | GbE RJ45 port |
| **Video** | |
| Image Settings | Color, brightness, sharpness, contrast<br>white balance, exposure control<br>2DNR, 3DNR, NR by motion<br>masking, text overlay |
| Max. Frame Rate | 30 FPS |
| Resolution | 8MP 3840 × 2160 (16:9) |
| **Optics** | |
| Sensor | 1/1.8" 8MP |
| Lens | F 6.91-214.64 mm; ƒ/1.36-ƒ/4.6 |
| Night Mode | Built-in IR LED illumination and IR cut filter |

## HARDWARE

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|---|---|
| **Max. Power Consumption** | 51W |
| **Supported Voltage Range** | 42.5–57V DC |
| **Power Method** | PoE++ |
| **Processor** | Quad-core Arm® Cortex®-A53 based chip |
| **Pole Mount Diameter** | 2–4" (50–100 mm)<br>4.5–6" (115–150 mm)<br>*Metal strap torque: 6Nm* |
| **Weight** | Without mount: 5.5 kg (12.1 lb)<br>Wall mount (Pendant): 2.6 kg (5.7 lb)<br>Table stand: 200 g (7.1 oz)<br>Pole mount: 300 g (10.6 oz) |
| **Enclosure Material** | Aluminum alloy, polycarbonate |
| **Mount Material** | Powder-coated aluminum alloy |
| **Expansion Slot** | MicroSD card |
| **Button** | (1) Factory reset |
| **Ambient Operating Temperature** | -40 to 50° C (-40 to 122° F) |
| **Ambient Operating Humidity** | 0 to 90% noncondensing |

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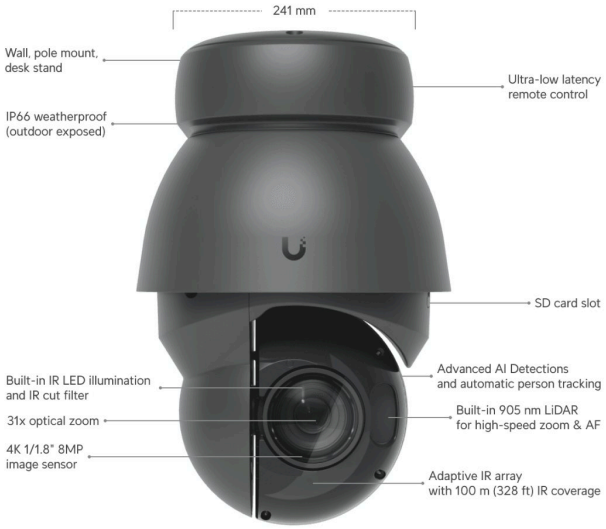
|---|---|
| **NDAA Compliant** | ✓ Yes |
| **Certifications** | CE, FCC, IC |

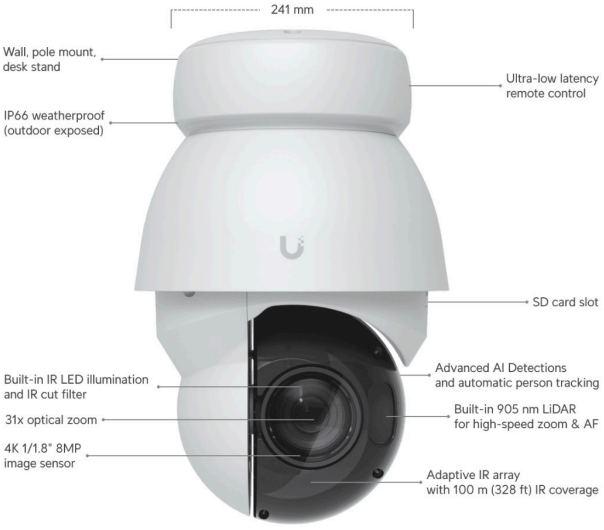
## PRODUCT DRAWINGS







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