

UniFi

DATASHEET

UVC-AI-PTZ-Precision

Datasheet

In The Box

Marketing Images

Installation Guide



Overview

| | |
|--|--|
| Dimensions | Without mount: Ø241 x 349 mm (Ø9.5 x 13.7") With mount: 372 x 241 x 299 mm (14.7 x 9.5 x 11.8") |
| IR Night Vision | 100 m (328 ft) |
| Zoom Mode | 31x Optical |
| Lightning Zoom | Coming Soon |
| Face Recognition | ✓ |
| License Plate Recognition | ✓ |
| Smart Detections (People, Vehicles, Animals) | ✓ |
| Resolution | 4K |
| Field of View | Wide: H: 59°, V: 34.1°, D: 67.1° Tele: H: 1.98°, V: 1.12°, D: 2.27° |
| Pan-Tilt Range | Pan: 360° (Endless) 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 white balance, exposure control 2DNR, 3DNR, NR by motion masking, text overlay |
| Max. Frame Rate | 30 FPS |
| Resolution | 8MP 3840 x 2160 (16:9) |
| Optics | |
| Sensor | 1/1.8" 8MP |
| Lens | F 6.91-214.64 mm; f/1.36-f/4.6 |
| Night Mode | Built-in IR LED illumination and IR cut filter |

Hardware

| | |
|-------------------------------|--|
| 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) 4.5-6" (115-150 mm) |
| Weight | Without mount: 5.5 kg (12.1 lb) Wall mount (Pendant): 2.6 kg (5.7 lb) Table stand: 200 g (7.1 oz) 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 |
| NDAA Compliant | ✓ |
| Certifications | CE, FCC, IC |