Datasheet

# Product: UVC-AI-PTZ

## Overview

| | |
|---|---|
| Dimensions | 207 x 223.7 x 341.3 mm<br>(8.2 x 8.8 x 13.4") |
| IR Night Vision | 100 m (328 ft) |
| Zoom Mode | 22x Optical |
| Face Recognition | ✓ |
| License Plate Recognition | ✓ |
| Smart Detections (People, Vehicles, Animals) | ✓ |
| Resolution | 4K |
| Field of View | H: 3 to 64°, V: 2 to 37° |
| Pan-Tilt Range | Pan: 360° (Endless)<br>Tilt: 120° |
| Weatherproofing | IP66 |
| Mounting | Wall, Pole mount, Desk stand (Included) |

## Performance

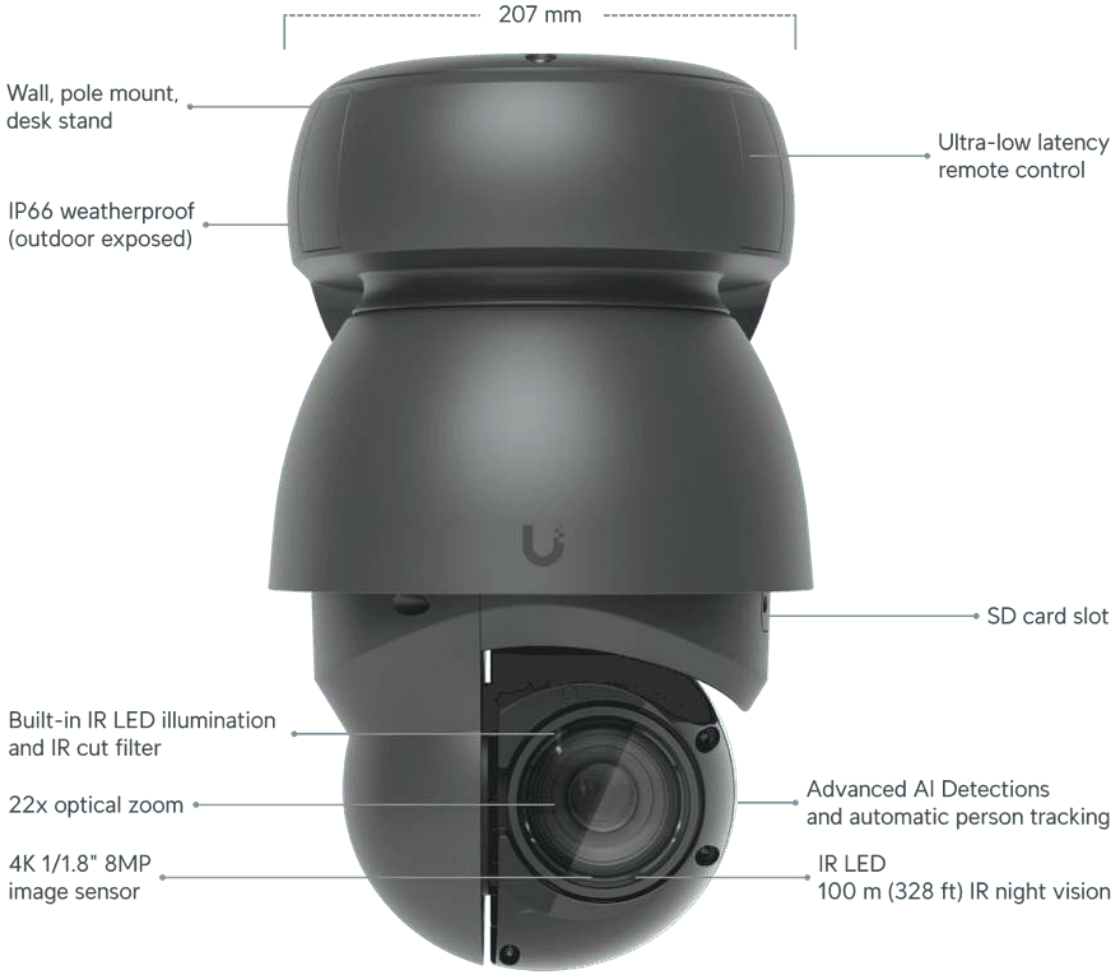
| | |
|---|---|
| Networking Interface | GbE RJ45 port |
| Video | |
| Image Settings | Color, brightness, sharpness, contrast<br>white balance, exposure control<br>2DNR, 3DNR, NR by motion<br>masking, text overlay |
| Max. Frame Rate | 30 FPS |
| Resolution | 8MP 3840 x 2160 (16:9) |

### Optics

| | |
|---|---|
| Sensor | 1/1.8" 8MP |
| Lens | 22x optical zoom lens |
| Night Mode | Built-in IR LED illumination and IR cut filter |

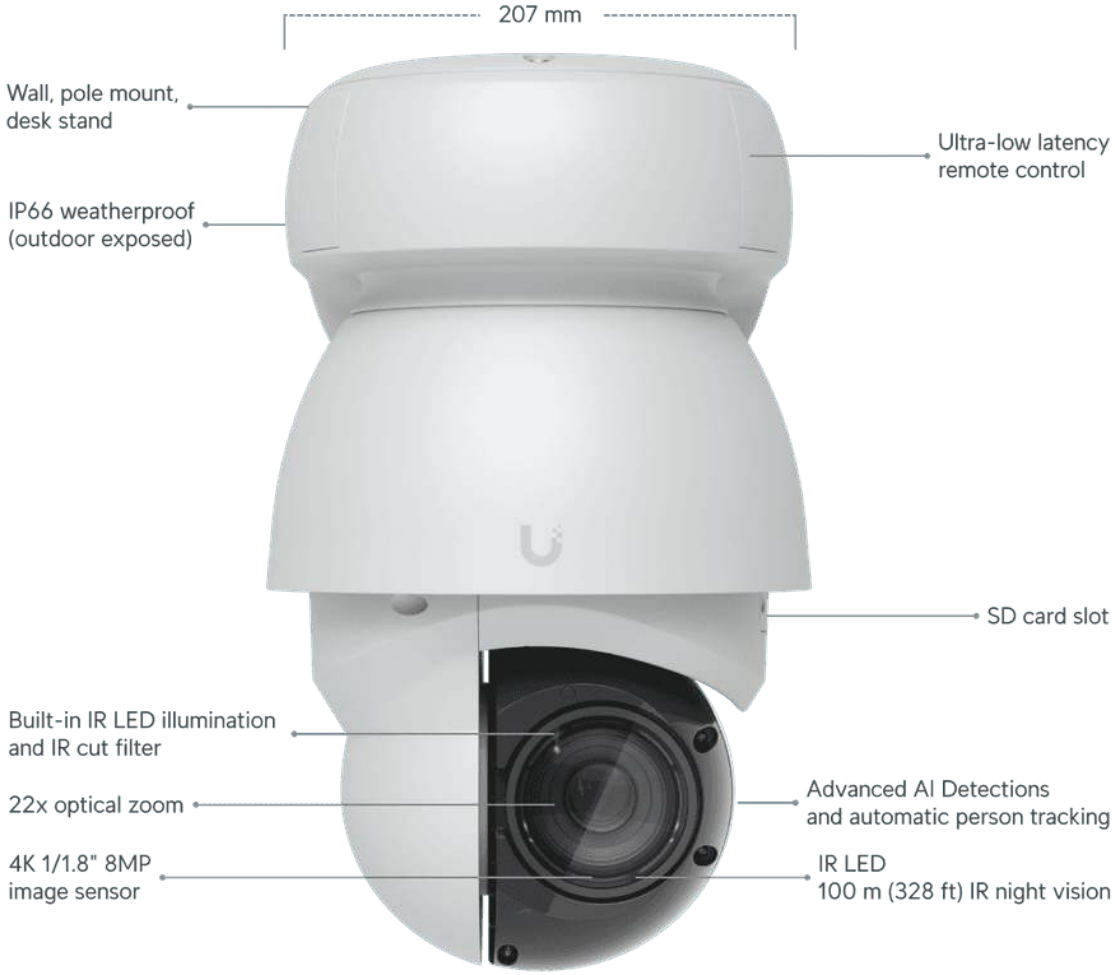
## Hardware

| | |
|---|---|
| Max. Power Consumption | 51W |
| Supported Voltage Range | 42.5—57V DC |
| Power Method | PoE++ |
| Processor | Quad-core Arm® Cortex®-A53 based chip |
| Weight | Without mount: 3.8 kg (8.4 lb)<br>Wall mount (Pedant): 3 kg (6.6 lb)<br>Table stand: 150 g (5.3 oz)<br>Pole mount: 320 g (11.3 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 |


207 mm
Wall, pole mount, desk stand
IP66 weatherproof (outdoor exposed)
Ultra-low latency remote control
SD card slot
Built-in IR LED illumination and IR cut filter
22x optical zoom
4K 1/1.8" 8MP image sensor
Advanced AI Detections and automatic person tracking
IR LED
100 m (328 ft) IR night vision

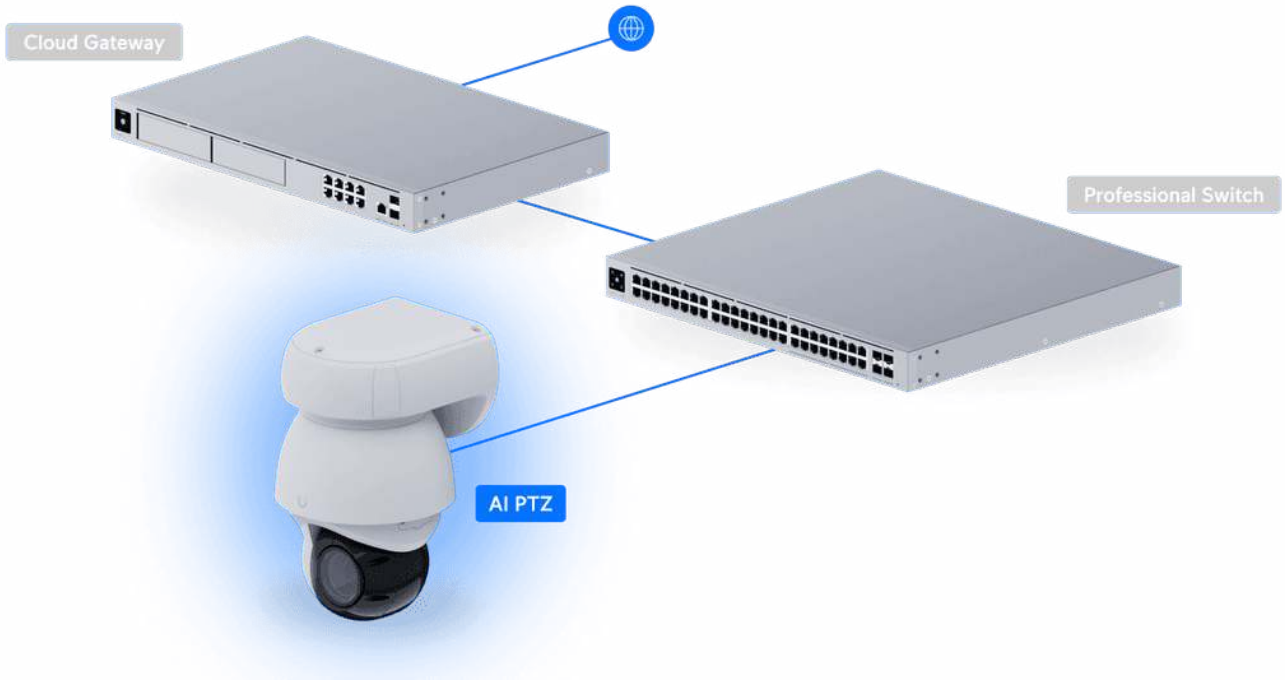

223.7 mm
341.3 mm


GbE RJ45 port
with PoE++
Reset button


207 mm
Wall, pole mount, desk stand
IP66 weatherproof (outdoor exposed)
Ultra-low latency remote control
SD card slot
Built-in IR LED illumination and IR cut filter
22x optical zoom
4K 1/1.8" 8MP image sensor
Advanced AI Detections and automatic person tracking
IR LED
100 m (328 ft) IR night vision


223.7 mm
341.3 mm


GbE RJ45 port
with PoE++
Reset button


Cloud Gateway
Professional Switch
AI PTZ