

# UniFi

## DATASHEET

### UVC-AI-PTZ-Precision

Datasheet

In The Box

Marketing Images

Installation Guide



#### Overview

Without mount: Ø241 x 349 mm  
(Ø9.5 x 13.7")

##### Dimensions

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

##### Networking Interface

GbE RJ45 port

##### Video

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