

Tech Specs

UniFi UIISP Branding

UniFi Cloud Gateways WiFi Switching Cloud Keys & Gateways Camera Security Door Access Phone System New Integrations Accessories

Camera Security / AI DSLR

Datasheet

Installation Guide

Marketing Images



Mechanical

Dimensions

Without mount: Ø80 x 89 mm (Ø3.1 x 3.5")

With mount: Ø80 x 153 mm (Ø3.1 x 6")

M. Zuiko Digital ED 17 mm f/1.2 PRO (UVC-AI-DSLR): Ø68.2 x 87 mm (Ø2.7 x 3.4")

M. Zuiko Digital ED 45 mm f/1.2 PRO (UVC-AI-DSLR-LD): Ø70 x 84.9 mm (Ø2.8 x 3.3")
Outdoor case: Ø91.6 x 196.3 mm (Ø3.6 x 7.7")

Weight	Without mount: 660 g (1.5 lb) With mount: 820 g (1.8 lb) M. Zuiko Digital ED 17 mm f/1.2 PRO (UVC-AI-DSLR): 390 g (0.86 lb) M. Zuiko Digital ED 45 mm f/1.2 PRO (UVC-AI-DSLR-LD): 410 g (0.9 lb) Outdoor case: 510 g (1.1 lb)
Enclosure material	Aluminum alloy
Mount materials	Wall mount: aluminum alloy Pole mount: aluminum alloy
Weatherproofing	IPX5 (With the outdoor case)

Optics

Sensor	4/3" 10MP CMOS sensor
Lens	M. Zuiko Digital ED 17 mm f/1.2 PRO (UVC-AI-DSLR) M. Zuiko Digital ED 45 mm f/1.2 PRO (UVC-AI-DSLR-LD)
View angle	Wide (UVC-AI-DSLR): 52° (H), 39° (V), 65° (D) Telephoto (UVC-AI-DSLR-LD): 21.6° (H), 16.2° (V), 27° (D)

Video

Video compression	H.264
Resolution	M. Zuiko Digital ED 17 mm f/1.2 PRO (UVC-AI-DSLR): 8MP 3840 x 2160 (16:9) M. Zuiko Digital ED 45 mm f/1.2 PRO (UVC-AI-DSLR-LD): 8MP 3840 x 2160 (16:9)
Max. frame rate	30 FPS
Image settings	Color, brightness, sharpness, contrast, white balance, exposure control, 2DNR/3DNR/NR by motion, masking, text overlay

System

Processor	Quad-core Arm® Cortex®-A53 based chip
Networking interface	(1) GbE RJ45 port
Max. power consumption	17.77W (with lens working)
Power method	PoE+
Supported voltage range	37—57V DC
Buttons	Factory reset Lens release key
Mounting	Wall, pole mount (included) Tripot mount
Operating temperature	-20 to 40° C (-4 to 104° F)
Operating humidity	10 to 90% noncondensing
Certifications	FCC, IC, CE

Audio

Microphone	Yes* (Can be disabled.)
Speaker	Yes*

*Audio function will be disabled when using its outdoor case.

Software

Web application

UniFi Protect: Version 2.2.2 and later

Mobile app

UniFi Protect iOS™ and Android™: Version 1.7.0 and later

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