







## Gate Access Starter Kit

UA-SK-Gate

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Control a vehicle gate using the connected Intercom and authorize gate access with License Plate Unlock when paired with a compatible Protect AI camera\*.

-  (1) Gate Hub
-  (1) Intercom
-  (1) PoE++ adapter
-  (2) 2-wire PoE extenders

\*Note. License Plate Recognition is supported on Protect AI Series cameras, excluding 360 lenses.

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Compatibility: UVC-AI-Bullet, UVC-AI-DSLR, UVC-AI-Pro, UVC-AI-Theta

4 total

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## UA-Hub-Gate

### Mechanical

Dimensions	175 x 126 x 26 mm (6.9 x 5 x 1")
Weight	460 g (1 lb)
Enclosure material	Polycarbonate
Mounting	Din-rail (Included)

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### Hardware

Networking interface	(5) 10/100/1000 Base-T
Power method	PoE++
Max. power consumption	Without PoE output: 22W With PoE output: 50W
PoE input	50V DC, 1A
PoE output	PoE passthrough, (4) PoE, 50V DC, Max. 28W
Button	(1) Factory-reset
Digital input	Gate exit request, gate position, side door exit request, side door position, emergency
Dry output relay	(2) Operator: rated 30V DC, up to 1A (1) Aux: rated 30V DC, up to 1A
Powered output relay	Side door lock: 12V DC, up to 1A
Operating environment	Indoor use only with device itself Outdoor use with waterproof junction box
Ambient operating temperature	-30 to 60° C (-22 to 104° F)
Ambient operating humidity	5 to 90% noncondensing
Certifications	CE, FCC, IC

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### LEDs

PoE in	Steady white: Pending adoption Steady blue: Adopted, device is ready Blinking white/blue: Upgrading firmware
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<b>PoE out</b>	Off: Not connected or no data link Steady white: Connected and data link on
<b>Input terminals</b>	Off: No wire Steady white: Wire connected Blinking white: Active signal
<b>Output relays</b>	Off: No wire Steady white: Wire connected Blinking white: Relay triggered

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## UA-Intercom Mechanical

<b>Dimensions</b>	324.8 x 113.7 x 28.3 mm (12.8 x 4.5 x 1.1")
<b>Weight</b>	Device: 965 g (2.1 lb) Bracket: 445 g (1 lb)
<b>Enclosure material</b>	Aluminum alloy, UV-stabilized polycarbonate, glass
<b>Mount material</b>	Powder-coated stainless steel
<b>Mounting</b>	Wall mount, adapter to the gooseneck pedestal (Included) Surface angle mount, flush mount (Optional) Sunshield kit (Optional)
<b>Weatherproofing</b>	IP65

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## Hardware

<b>Networking interface</b>	(1) GbE RJ45 port
<b>Connectivity</b>	Bluetooth 4.2 NFC
<b>Power method</b>	PoE UL 294 Power-limited Class 2 PSU UL 60950-1/62368-1 LPS/PS2 PSU
<b>Supported voltage range</b>	48V DC
<b>Max. power consumption</b>	13W
<b>ESD/EMP protection</b>	Air: ±15kV, contact: ±8kV

<b>Sensors</b>	Proximity sensor ALS sensor
<b>Camera</b>	3264 x 2448, 8 MP H: 79.4°, V: 97.5°, D: 118.2°
<b>Display</b>	177 mm (7") diagonal
<b>Resolution</b>	1024 x 600 (16:9)
<b>Display luminance</b>	Max. 1000 nits (typical)
<b>Touch screen technology</b>	Capacitive multi-touch
<b>Microphone</b>	Yes
<b>Speaker</b>	(1) 4 ohm, 2W
<b>LEDs</b>	(1) LCM low temperature indicator: orange (LCM turned off when it's below -25° C but the system functions normally) (1) LED floodlight (13) Keypad LED backlight
<b>Button</b>	(1) Factory-reset
<b>NFC frequency</b>	13.56 MHz
<b>NFC read range</b>	< 30 mm
<b>NFC standards</b>	ISO 14443A, 14443B, 15693
<b>NFC technology</b>	NFC Tag 1,2,3,4,5 MIFARE Classic MIFARE Plus MIFARE Ultralight MIFARE DESFire
<b>Ambient operating temperature</b>	Device: -30 to 60° C (-22 to 140° F) Display:* -25 to 60° C (-13 to 140° F) *The display will turn off when the ambient temperature is above/below the display operation temperature, but other functions will remain functional. (Effective after firmware v 1.0.66)
<b>Operating environment</b>	Outdoor use
<b>Ambient operating humidity</b>	5 to 90% noncondensing
<b>Software information</b>	The software version of a product can be checked at <a href="https://unifi.ui.com">https://unifi.ui.com</a>
<b>UL 294 level</b>	Destructive attack: Level I Line security: Level I

Endurance: Level I  
Standby power: Level I

#### UL 294 statement

Compliance with IEEE 802.3 specifications was not verified as part of UL 294.

The equipment is intended to comply with the section of the National Electrical Code, ANSI/NFPA 70, Article 725.121, Power Sources for Class 2 and Class 3 Circuits.

#### PoE cabling requirements

Cable 5e cabling is the minimum performance category recommended. The performance category utilized should match the transmission speed required at the installation site.

The minimal conductor gauge permitted to connect between the PSE or power injector and the PD shall be 26 AWG (0.13 mm<sup>2</sup>) for patch cords; 24 AWG (0.21 mm<sup>2</sup>) for horizontal or riser cable.

#### CAN/ULC-60839-11-1 Grade

Grade assignment: I

#### Certifications

CE, FCC, IC, UL 294, CAN/ULC-60839-11-1

#### Document number, and issue date and/or revision level

UA-Intercom, V01

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### UACC-Extender-2Wire-PoE-Tx/Rx

#### Mechanical

#### Dimensions

40 x 105 x 25 mm (1.6 x 4.1 x 1")

#### Weight

PoE in: 77 g (2.7 oz)  
PoE out: 79 g (2.8 oz)

#### Enclosure material

Polycarbonate

#### Mounting material

Polycarbonate

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### Hardware

#### Networking interface

(1) 10/100 MbE  
(1) Homeplug AV

#### Power method

PoE++

#### Max. power consumption

3W (Without PoE output)

#### PoE input

(1) PoE++, 50V DC, Max. 1.2A

<b>PoE output</b>	(1) PoE+, 48V DC, 0.72A
<b>ESD/EMP protection</b>	Air: ±8kV, contact: ±4kV
<b>LED</b>	White
<b>Ambient operating temperature</b>	-10 to 40° C (14 to 104° F)
<b>Ambient operating humidity</b>	5 to 95% noncondensing
<b>Certifications</b>	CE, FCC, IC

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## **U-PoE++ Specifications**

<b>Model</b>	U-PoE++
<b>Dimensions</b>	106 x 63 x 34 mm (4.2 x 2.5 x 1.3")
<b>Weight</b>	210 g (7.4 oz)
<b>Output voltage</b>	48V DC @ 1.25A
<b>LAN activity indicator</b>	No
<b>Gigabit LAN port</b>	Yes
<b>Remote reset capability</b>	No
<b>Reset button</b>	No
<b>Rated voltage</b>	100—240V AC @ 50/60Hz
<b>Input current</b>	1.3A @ 120V AC 0.75A @ 230V AC
<b>Inrush current</b>	<100A peak @ 120V AC <200A peak @ 230V AC
<b>Efficiency</b>	85+%
<b>Output ripple</b>	1% max.
<b>Switching frequency</b>	65 kHz
<b>Line regulation</b>	≤ 1%
<b>Load regulation</b>	≤ 3%
<b>2-pair powering</b>	No

<b>4-pair powering</b>	Pins 1, 2, 4, 5 (+) and 3, 6, 7, 8 (-)
<b>AC connector</b>	IEC-320 C6
<b>Data In / PoE</b>	RJ45 shielded socket
<b>Surge protection</b>	Difference and common mode
<b>Clamping protection</b>	11V data, 60V power
<b>Max. surge discharge</b>	1500A (8/20 $\mu$ s) power
<b>Peak pulse current</b>	36A (10/1000 $\mu$ s) data
<b>Shunt capacitance</b>	<5 pF data
<b>Response time</b>	<1 ns
<b>Power method</b>	Universal AC input, 100—240V AC, 50/60 Hz
<b>Power supply</b>	AC/DC
<b>Supported voltage range</b>	100—240V AC
<b>Max. PoE+ wattage per port by PSE</b>	60W
<b>Ambient operating temperature</b>	0 to 40° C (32 to 104° F)
<b>Storage temperature</b>	-30 to 70°C (-22 to 158° F)
<b>Ambient operating humidity</b>	10 to 95% noncondensing
<b>Certifications</b>	CE, FCC, IC, UL, UKCA, KC, CCC, KC, RoHS

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## Software

<b>Management application</b>	UniFi Access: Version 2.1.5 and later UniFi Protect: Version 4.0.33 and later
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