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## Installation Guide

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## Technical Specifications

### UA-Hub-Door Mechanical

<b>Dimensions</b>	174.9 x 126 x 32.9 mm (6.9 x 5 x 1.3")
<b>Weight</b>	363 g (12.8 oz)
<b>Enclosure material</b>	Polycarbonate
<b>Mounting material</b>	Polycarbonate

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<b>Networking interface</b>	(5) 10/100/1000 Base-T
<b>Power method</b>	PoE++ UL 294 Power-limited Class 2 PSU UL 60950/62368 LPS/PS2 PSU
<b>Max. power consumption</b>	Without PoE output: 30W With PoE output: 50W
<b>PoE input</b>	50V DC, 1A
<b>PoE output</b>	PoE passthrough, (4) PoE, 50V DC, total 20W
<b>Button</b>	(1) Factory-reset
<b>LEDs</b>	System: white/blue Output relays: white
<b>Digital input</b>	Request to exit/request to enter/remote release/door position sensor
<b>Dry output relay</b>	Lock: 30V DC, 1A Aux: 30V DC, 1A
<b>Powered output relay</b>	Lock: 12V DC, 1A Aux: 12V DC, 0.33A 12V DC, 0.33A
<b>Operating environment</b>	Indoor use only
<b>Ambient operating temperature</b>	0 to 40° C (32 to 104° F)
<b>Ambient operating humidity</b>	5 to 95% noncondensing
<b>UL 294 level</b>	Destructive attack: Level I Line security: Level I Endurance: Level I Standby power: Level I
<b>UL 294 statement</b>	Compliance with IEEE 802.3 (at or af) specifications was not verified a The equipment is intended to comply with the section of the National 725.121, Power Sources for Class 2 and Class 3 Circuits.
<b>CAN/ULC-60839-11-1 Grade</b>	Grade assignment: 1
<b>Certifications</b>	CE, FCC, IC, UL 294, CAN/ULC-60839-11-1
<b>Document number, and issue date and/or revision level</b>	UA-Hub-Door002, V01

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## Wiring Information

**100mA**

<b>6.1 m (20 ft)</b>	22
<b>15.2 m (50 ft)</b>	22
<b>30.5 m (100 ft)</b>	22

UACC-Cable-DoorLockRelay (18 AWG) is recommended.

**PoE cabling requirements**

The minimal conductor gauge permitted to connect between the PSE (0.21 mm<sup>2</sup>) for horizontal or riser cable.

**LEDs****PoE in**

Steady blue: Adopted/device is ready  
 Steady white: Pending adoption  
 Blinking white/blue: Upgrading firmware

**PoE out**

Off: Not connected or no data link  
 Steady blue: Connected and data link on

**UA-G2-Pro****Mechanical**

<b>Dimensions</b>	160 x 40.4 x 40.55 mm (6.3 x 1.59 x 1.6")
<b>Weight</b>	136 g (4.8 oz)
<b>Enclosure material</b>	Polycarbonate, glass
<b>Mount material</b>	Aluminum alloy
<b>Mounting</b>	Wall, gang box
<b>Weatherproofing</b>	IP55

**Hardware**

<b>Networking interface</b>	(1) GbE RJ45 port
<b>Connectivity</b>	BLE 4.2

<b>Power source</b>	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>	6W
<b>ESD/EMP protection</b>	Air: ±15kV, contact: ±8kV
<b>Sensor</b>	Proximity sensor
<b>Camera</b>	4000 x 3000, 12 MP, 30 FPS
<b>View angle</b>	H: 96.67°, V: 123.15°, D: 153.11°
<b>Microphone</b>	Yes
<b>Speaker</b>	(1) 4 ohm, 1.5W
<b>LEDs</b>	R/G/B/W Flash
<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 MIFAREPlus MIFARE Ultralight MIFARE DESFire
<b>Operating environment</b>	Outdoor use
<b>Ambient operating temperature</b>	Device: -30 to 45° C (-22 to 113° F) Display:* -10 to 45° C (14 to 113° F) *The display will turn off when the ambient temperature is above/below the display operating functional. (Effective after firmware v1.3.28)
<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