

## Tech Specs

UniFi UISP Branding

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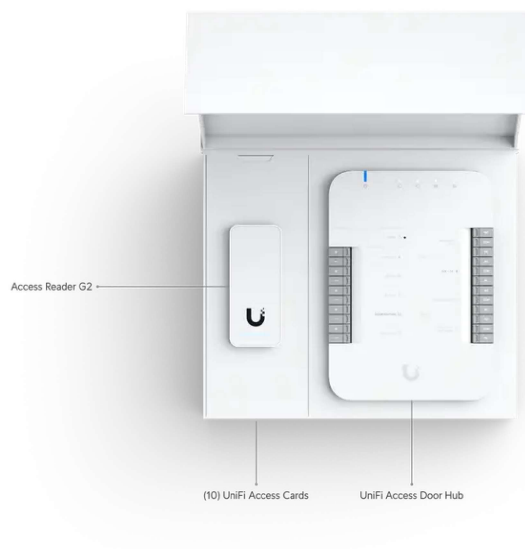
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### UA-Hub-Door Mechanical

<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

### Hardware

<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>Operating temperature</b>	0 to 40° C (32 to 104° F)
<b>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 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.
<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

<b>Typical installation (Shielded)</b>	<b>DC power input</b>	Belden 8750 18 AWG 2 conductor (30.5 m/100 ft)
	<b>Door position switch</b>	Belden 8750 18 AWG 2 conductor (152.5 m/500 ft)
	<b>Request to exit</b>	Belden 8750 18 AWG 2 (152.5 m/500 ft)

<b>Wiring gauge requirements (AWG)</b>	<b>Total length to device</b>	<b>Output load current at 12V DC</b>			
		<b>100mA</b>	<b>250mA</b>	<b>500mA</b>	<b>1A</b>
					.....
	<b>6.1 m (20 ft)</b>	22	22	22	18
	<b>15.2 m (50 ft)</b>	22	22	22	18
<b>30.5 m (100 ft)</b>	22	22	18	18	

<b>PoE cabling requirements</b>	The minimal conductor gauge permitted to connect between the PSE or power injector and the PD shall be 24 AWG (0.21 mm <sup>2</sup> ) for horizontal or riser cable.
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## LEDs

<b>PoE in</b>	Steady blue: Adopted/device is ready Steady white: Pending adoption Blinking white/blue: Upgrading firmware
<b>PoE out</b>	Off: Not connected or no data link Steady blue: Connected and data link on

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## UA-G2

### Mechanical

<b>Dimensions</b>	93 x 40 x 36.5 mm (3.7 x 1.6 x 1.4")
<b>Weight</b>	82 g (2.9 oz)
<b>Enclosure material</b>	Polycarbonate, glass

Mounting	In wall, gang box
Weatherproofing	IP55

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## Hardware

Networking interface	(1) 10/100 MbE RJ45 port
Connectivity	BLE 4.1
Power method	PoE
Supported voltage range	48V DC
Max. power consumption	5W
ESD/EMP protection	Air: ±15kV, contact: ±8kV
Sensors	Proximity sensor
Speaker	(1) 8 ohm, 0.7W
LEDs	R/G/B/W
Button	(1) Factory-reset
NFC frequency	13.56 MHz
NFC read range	< 30 mm
NFC standards	ISO 14443A, 14443B, 15693
NFC technology	NFC Tag 1,2,3,4,5 MIFARE Classic MIFAREPlus MIFARE Ultralight MIFARE DESFire
Operating temperature	-30 to 45° C (-22 to 113° F)
Operating humidity	5 to 90% noncondensing
Certifications	CE, FCC, IC

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## UA-Card

### Mechanical

Dimensions	85.6 x 53.98 x 0.84 mm (3.37 x 2.13 x 0.03")
Weight	5 g (0.18 oz)
Format	ISO 7810 ID-1
NFC frequency	13.56 MHz
NFC technology	ISO/IEC 14443 Type A MIFARE DESFire UniFi Access Proprietary Security Protocol

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