



Door Access / Starter Kit G2 Starter Kit



UA-Hub-Door Mechanical

Dimensions 174.9 x 126 x 32.9 mm (6.9 x 5 x 1.3")

Weight 363 g (12.8 oz)

Enclosure material Polycarbonate

Mounting material Polycarbonate

Hardware

Networking interface (5) 10/100/1000 Base-T

Power method PoE++
UL 294 Power-limited Class 2 PSU
UL 60950/62368 LPS/PS2 PSU

Max. power consumption Without PoE output: 30W
With PoE output: 50W

PoE input 50V DC, 1A

PoE output PoE passthrough, (4) PoE, 50V DC, total 20W

Button (1) Factory-reset

Digital input Request to exit/request to enter/remote release/door position sensor

Dry output relay Lock: 30V DC, 1A
Aux: 30V DC, 1A

Powered output relay Lock: 12V DC, 1A
Aux: 12V DC, 0.33A
12V DC, 0.33A

Operating environment Indoor use only

Ambient operating temperature 0 to 40° C (32 to 104° F)

Ambient operating humidity	5 to 95% noncondensing
UL 294 level	Destructive attack: Level I Line security: Level I Endurance: Level I Standby power: Level I
UL 294 statement	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.
CAN/ULC-60839-11-1 Grade	Grade assignment: 1
Certifications	CE, FCC, IC, UL 294, CAN/ULC-60839-11-1
Document number, and issue date and/or revision level	UA-Hub-Door002, V01

Wiring Information

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

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

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

PoE in	Steady white: Pending adoption Steady blue: Adopted Alternating white/blue: Firmware updating
PoE out	Blinking white: Active signal
Input terminals	Blinking white: Active signal
Output relays	Blinking white: Relay triggered

UA-G2 Mechanical

Dimensions	93 x 40 x 36.5 mm (3.7 x 1.6 x 1.4")
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Weight	82 g (2.9 oz)
Enclosure material	Polycarbonate, glass
Mounting	In wall, gang box
Weatherproofing	IP55
Hardware	
Networking interface	(1) 10/100 MbE RJ45 port
Connectivity	BLE 4.1
Power method	PoE UL 294 Power-limited Class 2 PSU UL 60950-1/62368-1 LPS/PS2 PSU
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	Steady white: Pending adoption Steady blue: Adopted Alternating white/blue: Firmware updating Strobing red: Emergency lockdown Steady green: Emergency evacuation (2) Rapid flashing blue: NFC credential authenticated (2) Rapid flashing red: NFC credential authentication failed Breathing blue: Ready to register NFC cards
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 environment	Outdoor use
Ambient operating temperature	-30 to 45° C (-22 to 113° F)
Ambient operating humidity	5 to 90% noncondensing

Software information	The software version of a product can be checked at https://unifi.ui.com
UL 294 level	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 ²) for patch cords; 24 AWG (0.21 mm ²) 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-G2/UA-G2-Black, V02
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

Access Reader G2

(10) UniFi Access Cards

UniFi Access Door Hub

