Tech Specs
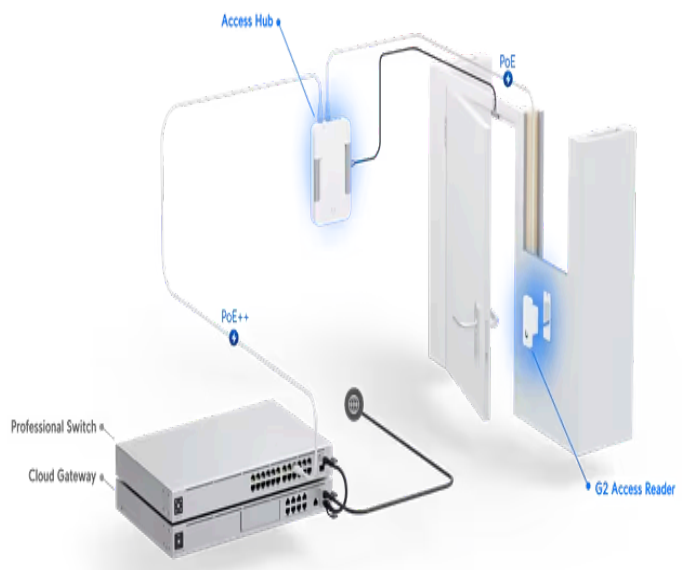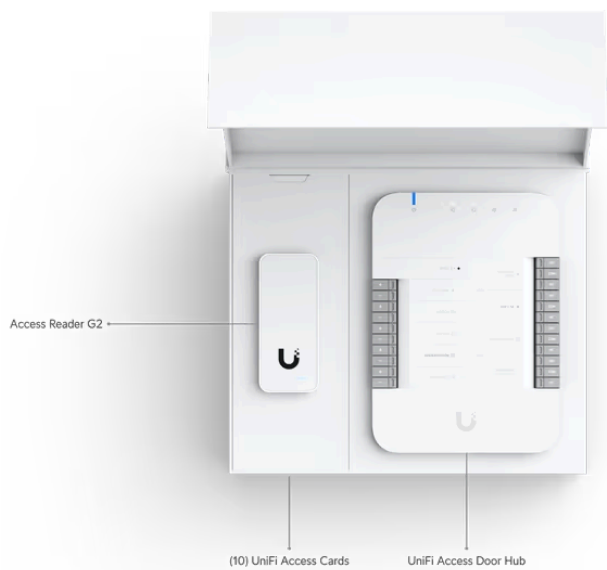
WiFi   Switching   Cloud Keys & Gateways   Camera Security   Door Access   Power Tech   New Int

Door Access > G2 Starter Kit

Datasheet	Marketing Images	Installation Guide

Access Reader G2

(10) UniFi Access Cards   UniFi Access Door Hub

Access Hub

PoE

PoE++

Professional Switch

Cloud Gateway

G2 Access Reader

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
LEDs	System: white/blue Output relays: white
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 The equipment is intended to comply with the section of the National Electrical C 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

Wiring gauge requirements (AWG)	Total length to device	Output load current at 12V DC	
		100mA	250m
	6.1 m (20 ft)	22	22
	15.2 m (50 ft)	22	22
	30.5 m (100 ft)	22	22
	UACC-Cable-DoorLockRelay (18 AWG) is recommended.		
PoE cabling requirements	The minimal conductor gauge permitted to connect between the PSE or power inj 24 AWG (0.21 mm^2) 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
Mechanical

Dimensions	93 x 40 x 36.5 mm (3.7 x 1.6 x 1.4")
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	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 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 C
	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 perfoi
	should match the transmission speed required at the installation site.
	The minimal conductor gauge permitted to connect between the PSE or power inj
	26 AWG (0.13 mm^2) for patch cords; 24 AWG (0.21 mm^2) for horizontal or riser c
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

LED

System	Steady blue: Adopted/device is ready
	Steady white: Pending adoption
	Blinking white/blue: Upgrading firmware
	Strobing red: Emergency lockdown

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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