

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

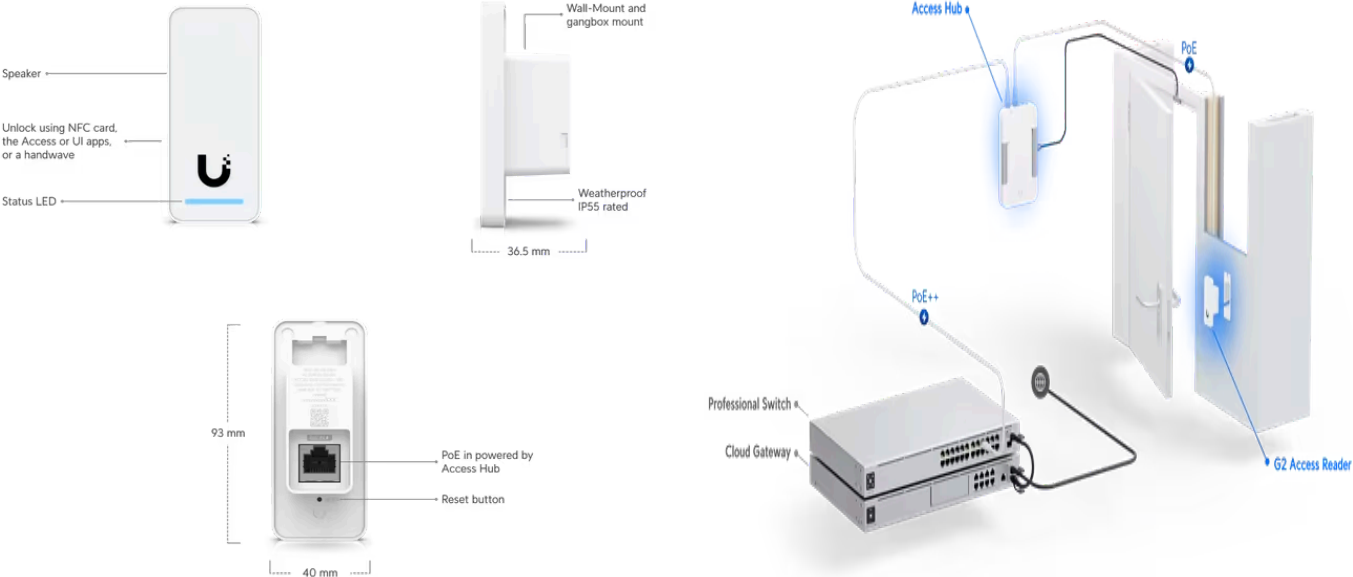
Door Access > [G2 Reader](#)

Datasheet

In The Box

Marketing Images

Installation Guide



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

<b>Networking interface</b>	(1) 10/100 MbE RJ45 port
<b>Connectivity</b>	BLE 4.1
<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>	5W
<b>ESD/EMP protection</b>	Air: ±15kV, contact: ±8kV
<b>Sensors</b>	Proximity sensor
<b>Speaker</b>	(1) 8 ohm, 0.7W
<b>LEDs</b>	R/G/B/W
<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>	-30 to 45° C (-22 to 113° F)
<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
<b>UL 294 statement</b>	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.
<b>PoE cabling requirements</b>	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-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
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Software

Management application	UniFi Access: Version 1.5.9 and later
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