Tech Specs

UniFi   UISP   Branding

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

Door Access > G2 Reader

| Datasheet | In The Box | Marketing Images | Installation Guide |
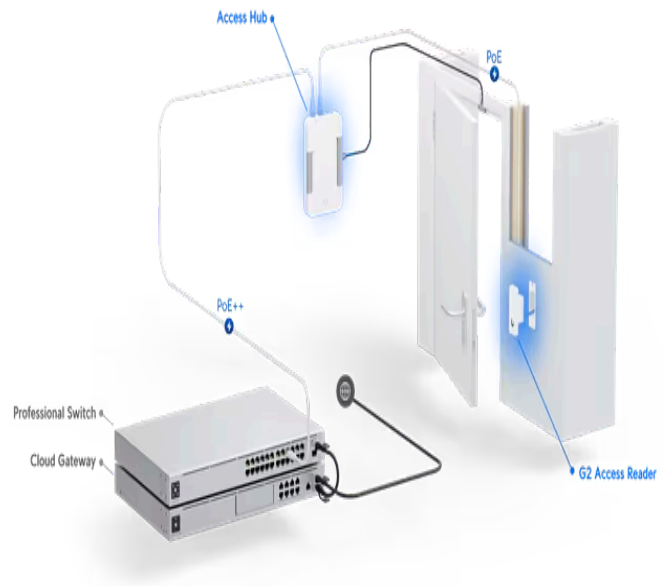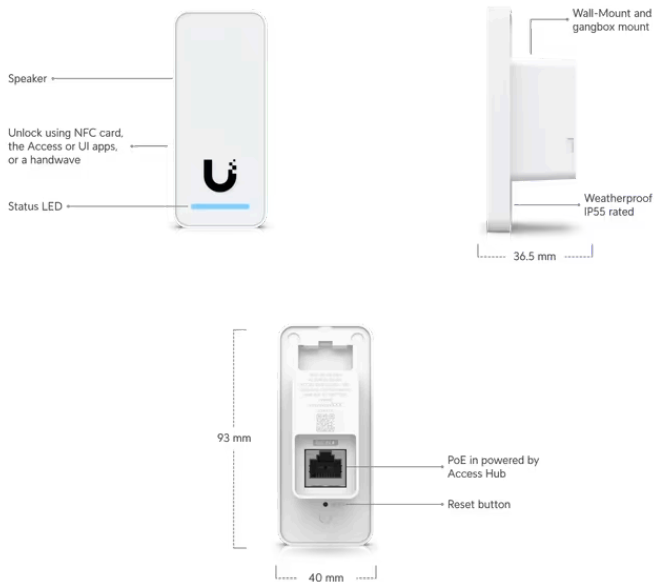
Mechanical

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

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 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

LED

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

Software

Management application   UniFi Access: Version 1.5.9 and later

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