



Door Access / Readers
G2 Reader



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
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
Software	
Management application	UniFi Access: Version 1.5.9 and later

