

# G2 Reader

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                  | PoEUL 294 Power-limited Class 2 PSUUL 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(Learn more)   |
| Button                        | (1) Factory-reset   |
| NFC frequency                 | 13.56 MHz   |
| NFC read range                | < 30 mm   |
| NFC standards                 | ISO 14443A, 14443B, 15693   |
| NFC technology                | NFC Tag 1,2,3,4,5MIFARE<br>ClassicMIFAREPlusMIFARE UltralightMIFARE<br>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 <a href="https://unifi.ui.com">https://unifi.ui.com</a> |

## Hardware

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<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

---

## Software

Management application

UniFi Access: Version 1.5.9 and later

