# Tech Specs

**UniFi**    UISP    Branding
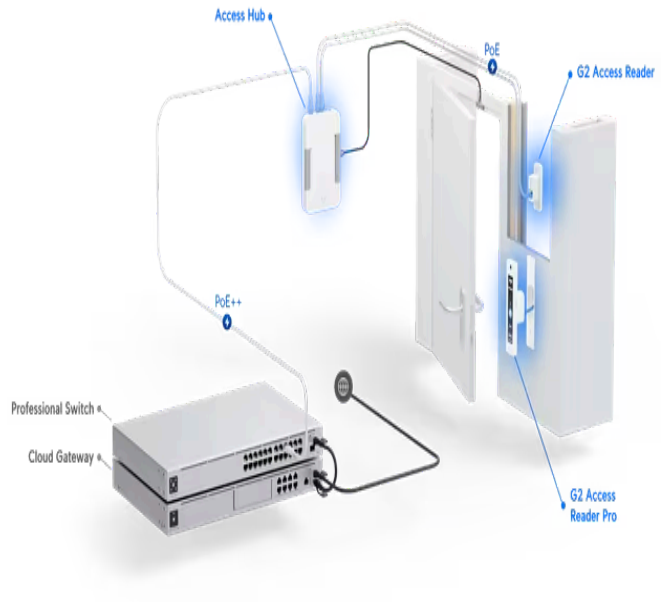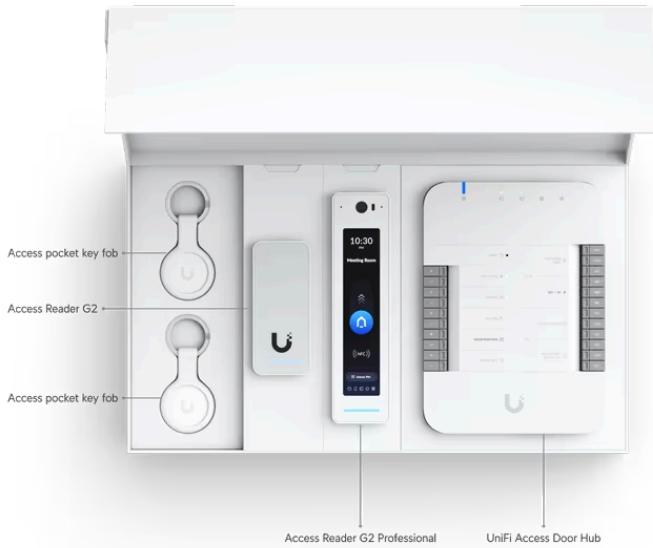
| Switching | WiFi | Camera Security | Door Access | Cloud Keys & Gateways | Power Tech | New I |

Door Access  >  **G2 Starter Kit Pro**

| Datasheet | **Marketing Images** | **Installation Guide** |



## 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++<br>UL 294 Power-limited Class 2 PSU<br>UL 60950/62368 LPS/PS2 PSU |
| **Max. power consumption** | Without PoE output: 30W<br>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<br>Output relays: white |
| **Digital input** | Request to exit/request to enter/remote release/door position sensor |
| **Dry output relay** | Lock: 30V DC, 1A<br>Aux: 30V DC, 1A |
| **Powered output relay** | Lock: 12V DC, 1A<br>Aux: 12V DC, 0.33A<br>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<br>Line security:  Level I<br>Endurance: Level I<br>Standby power: Level I |
| **UL 294 statement** | Compliance with IEEE 802.3 (at or af) specifications was not verified as pa<br>The equipment is intended to comply with the section of the National Ele<br>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 |
|--------------------|------------------|-------|
| 6.1 m (20 ft)      |                  | 22    |
| 15.2 m (50 ft)     |                  | 22    |
| 30.5 m (100 ft)    |                  | 22    |

UACC-Cable-DoorLockRelay (18 AWG) is recommended.

**PoE cabling requirements**     The minimal conductor gauge permitted to connect between the PSE or p

(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-Pro
## Mechanical

| | |
|---|---|
| **Dimensions** | 160 x 40.4 x 40.55 mm (6.3 x 1.59 x 1.6") |
| **Weight** | 136 g (4.8 oz) |
| **Enclosure material** | Polycarbonate, glass |
| **Mount material** | Aluminum alloy |
| **Mounting** | Wall, gang box |
| **Weatherproofing** | IP55 |

## Hardware

| | |
|---|---|
| **Networking interface** | (1) GbE RJ45 port |
| **Connectivity** | BLE 4.2<br>NFC |

| | |
|---|---|
| **Power method** | PoE<br>UL 294 Power-limited Class 2 PSU<br>UL 60950-1/62368-1 LPS/PS2 PSU |
| **Supported voltage range** | 48V DC |
| **Max. power consumption** | 6W |
| **ESD/EMP protection** | Air: ±15kV, contact: ±8kV |
| **Sensor** | Proximity sensor |
| **Camera** | 4000 x 3000, 12 MP, 30 FPS |
| **View angle** | H: 96.67°, V: 123.15°, D: 153.11° |
| **Microphone** | Yes |
| **Speaker** | (1) 4 ohm, 1.5W |
| **LEDs** | R/G/B/W<br>Flash |
| **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<br>MIFARE Classic<br>MIFAREPlus<br>MIFARE Ultralight<br>MIFARE DESFire |
| **Operating environment** | Outdoor use |
| **Ambient operating temperature** | Device: -30 to 45° C (-22 to 113° F)<br>Display:* -10 to 45° C (14 to 113° F)<br>*The display will turn off when the ambient temperature is above/below the display oper<br>functional. (Effective after firmware v1.3.28) |
| **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<br>Line security: Level I<br>Endurance: Level I<br>Standby power: Level I |
| **UL 294 statement** | Compliance with IEEE 802.3 specifications was not verified as part of UL<br>The equipment is intended to comply with the section of the National Ele |

725.121, Power Sources for Class 2 and Class 3 Circuits.

| | |
|---|---|
| **PoE cabling requirements** | Cable 5e cabling is the minimum performance category recommended. Th match the transmission speed required at the installation site. |
| | The minimal conductor gauge permitted to connect between the PSE or p |
| | (0.13 mm $^2$ ) for patch cords; 24 AWG (0.21 mm $^2$ ) for horizontal or riser |
| **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-Pro/UA-G2-Pro-Black, V02 |

## LED

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

## 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 |

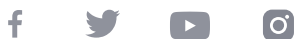| | |
|---|---|
| **ESD/EMP protection** | Air: ±15kV, contact: ±8kV |
| **Sensors** | Proximity sensor |
| **Speaker** | (1) 8 ohm, 0.7W |
| **LEDs** | R/G/B/W |
| **Button** | (1) Factory-reset |
| **NFC frequency** | 13.56 MHz |
| **NFC read range** | < 30 mm |
| **NFC standards** | ISO 14443A, 14443B, 15693 |
| **NFC technology** | NFC Tag 1,2,3,4,5<br>MIFARE Classic<br>MIFAREPlus<br>MIFARE Ultralight<br>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 |
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| **PoE cabling requirements** | Cable 5e cabling is the minimum performance category recommended. Th<br>match the transmission speed required at the installation site.<br>The minimal conductor gauge permitted to connect between the PSE or p<br>(0.13 mm $^2$ ) for patch cords; 24 AWG (0.21 mm $^2$ ) for horizontal or riser |
| **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-Pocket
## Mechanical

| Dimensions | 84 x 39 x 7.4 mm (3.3 x 1.5 x 0.29") |
| Weight | 16 g (0.56 oz) |
| Enclosure material | Polycarbonate, stainless steel |
| Weatherproofing | IP54 |

## Hardware

| NFC frequency | 13.56 MHz |
| NFC technology | ISO/IEC 14443 Type A |
| | MIFARE DESFire EV3 4K |
| | UniFi Access Proprietary Security Protocol |
| Ambient operating temperature | -10 to 45° C (14 to 113° F) |
| Ambient operating humidity | 10 to 90% noncondensing |
| Certification | CE |

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