UniFi Cloud Gateways    WiFi    Switching    Cloud Keys & Gateways    Camera Security    Door Access    Phone System    New Integrations    Accessories

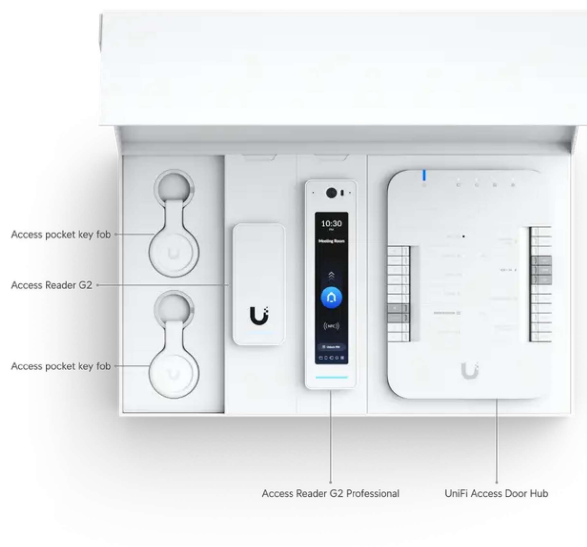Door Access  /  G2 Starter Kit Professional

| Datasheet | Installation Guide | Marketing Images |
|---|---|---|



## 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 |
| Operating temperature | 0 to 40° C (32 to 104° F) |
| 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 part of UL 294.<br>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. |
| 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

| Typical installation (Shielded) | | |
|---|---|---|
| | DC power input | Belden 8750 18 AWG 2 conductor (30.5 m/100 ft) |
| | Door position switch | Belden 8750 18 AWG 2 conductor (152.5 m/500 ft) |
| | Request to exit | Belden 8750 18 AWG 2 (152.5 m/500 ft) |

**Wiring gauge requirements (AWG)**

| Total length to device | Output load current at 12V DC | | | |
|---|---|---|---|---|
| | 100mA | 250mA | 500mA | 1A |
| 6.1 m (20 ft) | 22 | 22 | 22 | 18 |
| 15.2 m (50 ft) | 22 | 22 | 22 | 18 |
| 30.5 m (100 ft) | 22 | 22 | 18 | 18 |

| | |
|---|---|
| PoE cabling requirements | The minimal conductor gauge permitted to connect between the PSE or power injector and the PD shall be 24 AWG (0.21 mm$^2$) for horizontal or riser cable. |

## LEDs

| | |
|---|---|
| PoE in | Steady blue: Adopted/device is ready<br>Steady white: Pending adoption<br>Blinking white/blue: Upgrading firmware |
| PoE out | Off: Not connected or no data link<br>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) 10/100/1,000 MbE RJ45 port |
| Connectivity | BLE 4.2<br>NFC |
| Power method | PoE |
| Supported voltage range | 48V DC |
| Max. power consumption | 6W |
| ESD/EMP protection | Air: ±15kV, contact: ±8kV |
| Sensor | ToF sensor |
| Camera | 4000 x 3000, 12 MP, 30 FPS |
| 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 temperature | -10 to 45° C (14 to 113° F) |
| Operating humidity | 5 to 90% noncondensing |
| Certifications | CE, FCC, IC |

## 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 |
| 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 temperature | -30 to 45° C (-22 to 113° F) |
| Operating humidity | 5 to 90% noncondensing |
| Certifications | CE, FCC, IC |

## 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<br>MIFARE DESFire EV3 4K<br>UniFi Access Proprietary Security Protocol |
| Operating temperature | -10 to 45° C (14 to 113° F) |
| Operating humidity | 10 to 90% noncondensing |
| Certification | CE |

**Stay in Touch**

| Email | Subscribe |
|---|---|

f  🐦  ▶  📷