![Ubiquiti Networks logo]

G2 Starter Kit Pro

UA-G2-SK-PRO

SKU: 149664

Starter kit that provides complete entry and exit control for a single door with two readers.

Features

- (1) Door Hub
- (1) G2 Reader Pro
- (1) G2 Reader for door exit, or entry for an additional door (second Hub required)
- (2) Pocket Keyfobs

MechanicalDimensions 174.9 x 126 x 32.9 mm (6.9 x 5 x 1.3")Weight 363 g (12.8 oz)Enclosure material PolycarbonateMounting material PolycarbonateHardwareNetworking interface (5) 10/100/1000 Base-TPower method PoE++UL 294 Power-limited Class 2 PSUUL 60950/62368 LPS/PS2 PSUMax. power consumption Without PoE output: 30WWith PoE output: 50WPoE input 50V DC, 1APoE output PoE passthrough, (4) PoE, 50V DC, total 20WButton (1) Factory-resetLEDs System: white/blueOutput relays: whiteDigital input Request to exit/request to enter/remote release/door position sensorDry output relay Lock: 30V DC, 1AAux: 30V DC, 1APowered output relay Lock: 12V DC, 1AAux: 12V DC, 0.33A12V DC, 0.33AOperating environment Indoor use onlyOperating temperature 0 to 40° C (32 to 104° F) Operating humidity 5 to 95% noncondensingUL 294 level Destructive attack: Level ILine security: Level IEndurance: Level IStandby power: Level IUL 294 statement Compliance with IEEE 802.3 (at or af) 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.CAN/ULC-60839-11-1 Grade Grade assignment: 1Certifications CE, FCC, IC, UL 294, CAN/ULC-60839-11-1Document number, and issue date and/or revision level UA-Hub-Door002, V01Wiring InformationTypical 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 DC100mA 250mA 500mA 1A 6.1 m (20 ft) 22 22 22 1815.2 m (50 ft) 22 22 22 1830.5 m (100 ft) 22 22 18 18PoE cabling requirements The minimal conductor gauge permitted to connect between the PSE or power injector and the PD shall be 24 AWG (0.21 mm2) for horizontal or riser cable.LEDsPoE in Steady blue: Adopted/device is readySteady white: Pending adoptionBlinking white/blue: Upgrading firmwarePoE out Off: Not connected or no data linkSteady blue: Connected and data link onUA-G2-ProMechanicalDimensions 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, glassMount material Aluminum alloyMounting Wall, gang boxWeatherproofing IP55HardwareNetworking interface (1) 10/100/1,000 MbE RJ45 portConnectivity BLE 4.2NFCPower method PoESupported voltage range 48V DCMax. power consumption 6WESD/EMP protection Air: ±15kV, contact: ±8kVSensor ToF sensorCamera 4000 x 3000, 12 MP, 30 FPSMicrophone YesSpeaker (1) 4 ohm, 1.5WLEDs R/G/B/WFlashButton (1) Factory-resetNFC frequency 13.56 MHzNFC read range < 30 mmNFC standards ISO 14443A, 14443B, 15693NFC technology NFC Tag 1,2,3,4,5MIFARE ClassicMIFAREPlusMIFARE UltralightMIFARE DESFireOperating temperature -10 to 45° C (14 to 113° F)Operating humidity 5 to 90% noncondensingCertifications CE, FCC, ICUA-G2MechanicalDimensions 93 x 40 x 36.5 mm (3.7 x 1.6 x 1.4")Weight 82 g (2.9 oz)Enclosure material Polycarbonate, glassMounting In wall, gang boxWeatherproofing IP55HardwareNetworking interface (1) 10/100 MbE RJ45 portConnectivity BLE 4.1Power method PoESupported voltage range 48V DCMax. power consumption 5WESD/EMP protection Air: ±15kV, contact: ±8kVSensors Proximity sensorSpeaker (1) 8 ohm, 0.7WLEDs R/G/B/WButton (1) Factory-resetNFC frequency 13.56 MHzNFC read range < 30 mmNFC standards ISO 14443A, 14443B, 15693NFC technology NFC Tag 1,2,3,4,5MIFARE ClassicMIFAREPlusMIFARE UltralightMIFARE DESFireOperating temperature -30 to 45° C (-22 to 113° F)Operating humidity 5 to 90% non-condensingCertifications CE, FCC, ICUA-PocketMechanicalDimensions 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 steelWeatherproofing IP54HardwareNFC frequency 13.56 MHzNFC technology

![KOA logo]

ISO/IEC 14443 Type AMIFARE DESFire EV3 4KUniFi Access Proprietary Security ProtocolOperating temperature -10 to 45° C (14 to 113° F)Operating humidity 10 to 90% non-condensingCertification CE

KOA