



G3 Starter Kit Pro UA-G3-SK-Pro

Datasheet



^ Overview

In the Box

- (1) Door Hub
- (1) G3 Reader Pro
- (1) G3 Reader
- (2) Pocket Keyfobs

Touch Pass

10 free 1-year Touch Passes included
[Learn More](#)

^ Door Hub

Dimensions

174.9 x 126 x 32.9 mm
(6.9 x 5 x 1.3")

Supported Doors

1

Input Terminals

- (2) Door exit request
- (1) Door position
- (1) Emergency

Power Method

PoE++
UL 294 Power-limited Class 2 PSU
UL 60950-1/62368-1 LPS/PS2 PSU

UL 294 Level

Destructive attack: Level I
Line security: Level I
Endurance: Level I
Standby power: Level I

Weight

363 g (12.8 oz)

Enclosure Material

Polycarbonate

Mount Material

Polycarbonate

Mounting

DIN-rail (Included)

Ambient Operating Temperature

0 to 40° C (32 to 104° F)

Ambient Operating Humidity	5 to 95% noncondensing
Networking Interface	(5) 10/100/1000 Base-T
PoE Interface	(1) PoE++ input, 50V DC, 1A (4) PoE outputs, 50V DC, 15.4W per port (Max. 28W aggregated)
Max. Power Consumption	30W (Without PoE output) 50W (With PoE output)
Digital Input	Request to exit, request to enter, remote release, door position sensor
Dry Output Relay	Lock: 30V DC, 1A Aux: 30V DC, 1A
Powered Output Relay	Lock: 12V DC, 1A Aux: 12V DC, 0.33A 12V DC, 0.33A
LEDs	B/W Learn More
Button	(1) Factory-reset
Recommend Max. Cable Length	
UA-Lock-Electric (400mA)	24 AWG length: 25 m (82 ft) 22 AWG length: 42 m (138 ft) 20 AWG length: 66 m (217 ft) 18 UACC-Cable-DoorLockRelay length: 100 m (328 ft)
UA-Lock-Magnetic-540kg (500mA)	24 AWG length: 20 m (66 ft) 22 AWG length: 32 m (105 ft) 20 AWG length: 51 m (167 ft) 18 UACC-Cable-DoorLockRelay length: 80 m (262 ft)
UA-Lock-Magnetic-270kg (800mA)	24 AWG length: 12 m (29 ft) 22 AWG length: 20 m (98 ft) 20 AWG length: 30 m (167 ft) 18 UACC-Cable-DoorLockRelay length: 46 m (151 ft)
Other locks (1A)	24 AWG length: 9 m (30 ft) 22 AWG length: 15 m (49 ft) 20 AWG length: 24 m (79 ft) 18 UACC-Cable-DoorLockRelay length: 36 m (118 ft)
PoE Cabling Requirements	Cat 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.
UL 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: 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
Software Information	The software version can be checked at https://unifi.ui.com
^ G3 Reader Pro	
Dimensions	160 x 40.4 x 40.55 mm (6.3 x 1.59 x 1.6")

Integrated Camera	✓
NFC Card & Keyfob Access	✓
PIN Access	✓
Apple/Google Wallet	✓
Mobile Unlock	✓
Two-Way Intercom & Doorbell Access	✓
Weatherproofing	IP55
NDAA Compliant	✓
UL 294 Level	Destructive attack: Level I Line security: Level I Endurance: Level I Standby power: Level I
Weight	136 g (4.8 oz)
Enclosure Material	Polycarbonate, glass
Mount Material	Aluminum alloy
Mounting	Wall, gang-box mount (Included) Angle mount, junction box (Optional)
Indoor and Outdoor Use	✓
Ambient Operating Temperature	Device: -30 to 45° C (-22 to 113° F) Display: -10 to 45° C (14 to 113° F)
Ambient Operating Humidity	5 to 90% noncondensing
Networking Interface	(1) GbE RJ45 port
Connectivity	BLE 4.2 NFC
Power Method	PoE UL 294 Power-limited Class 2 PSU UL 60950-1/62368-1 LPS/PS2 PSU
Max. Power Consumption	6W
Supported Voltage Range	48V DC
ESD/EMP Protection	Air: ±15kV, contact: ±8kV
Sensors	Proximity sensor
Display	120 mm (4.7") diagonal
Touch Screen Technology	Capacitive touch
Display Luminance	480 nits (Typical)
Screen Orientation	Portrait
Resolution	1280 x 286 px
Microphone	✓
Speaker	(1) Yes, 1.5W
LEDs	R/G/B/W/Amber Learn More

Button	(1) Factory-reset
NFC Frequency	13.56 MHz
NFC Read Range	< 30 mm (1.18")
NFC Technology	ISO/IEC 14443A / 14443B / 15693 / 18092 (Ecma 340) MIFARE Classic / MIFARE DESFIRE Sony FeliCa™ (ID only) NFC Forum tags T1T, T2T, T3T, T4T and T5T ECP 2.0
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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-G3-Pro-W/UA-G3-Pro-B, V01
Software Information	The software version can be checked at https://unifi.ui.com
^ G3 Reader	
Dimensions	93 x 40 x 36.5 mm (3.7 x 1.6 x 1.4")
NFC Card & Keyfob Access	✓
Apple/Google Wallet	✓
Mobile Unlock	✓
Handwave Request to Exit	✓
Weatherproofing	IP55
NDAA Compliant	✓
UL 294 Level	Destructive attack: Level I Line security: Level I Endurance: Level I Standby power: Level I
Weight	82 g (2.9 oz)
Enclosure Material	Polycarbonate, glass
Mount Material	Aluminum alloy
Mounting	In-wall, gang box (Included) Junction box (Optional)
Indoor and Outdoor Use	✓
Ambient Operating Temperature	-30 to 45° C (-22 to 113° F)
Ambient Operating Humidity	5 to 90% noncondensing
Networking Interface	(1) 10/100 MbE RJ45 port

Connectivity	BLE 4.1 NFC
Power Method	PoE UL 294 Power-limited Class 2 PSU UL 60950-1/62368-1 LPS/PS2 PSU
Max. Power Consumption	5W
Supported Voltage Range	48V DC
ESD/EMP Protection	Air: ±15kV, contact: ±8kV
Sensors	Proximity sensor
Speaker	(1) Yes, 0.7W
LEDs	R/G/B/W Learn More
Button	(1) Factory-reset
NFC Frequency	13.56 MHz
NFC Read Range	< 30 mm (1.18")
NFC Technology	ISO/IEC 14443A / 14443B / 15693 / 18092 (Ecma 340) MIFARE Classic / MIFARE DESFIRE Sony FeliCa™ (ID only) NFC Forum tags T1T, T2T, T3T, T4T and T5T ECP 2.0
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Document number, and issue date and/or revision level	UA-G3, V01
Software Information	The software version can be checked at https://unifi.ui.com
^ Pocket Keyfob	
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, silicone rubber
Weatherproofing	IP54
NDAA Compliant	✓
Ambient Operating Humidity	10 to 90% noncondensing
Ambient Operating Temperature	-10 to 45° C (14 to 113° F)
NFC Frequency	13.56 MHz

NFC Technology

ISO/IEC 14443 Type A
MIFARE DESFire EV3 4K
UniFi Access Proprietary Security Protocol

Certification

CE



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