

Technical Specifications

Overview

In the Box	(1) Gate Hub (1) G3 Intercom (1) PoE++ adapter (2) 2-wire Retrofit Extenders
Touch Pass	10 free 1-year Touch Passes included Learn More

Gate Hub

Dimensions	175 x 126 x 26 mm (6.9 x 5 x 1")
Supported Doors	1 gate, 1 side door
Maximum User Count	6,000
Input Terminals	(1) Gate exit request (1) Gate position (1) Side door exit (1) Side door position (1) Emergency
Power Method	PoE++ UL 294 Power-limited Class 2 PSU UL 60950-1/62368-1 LPS/PS2 PSU
Enclosure Material	Polycarbonate
Mounting	DIN-rail (Included)
Weight	460 g (1 lb)
Indoor and Outdoor Use	Indoor only: device itself Outdoor: with waterproof junction box
NDAA Compliant	Yes
UL 294 Level	Destructive attack: Level I Line security: Level I Endurance: Level I Standby power: Level I
Ambient Operating Temperature	-30 to 60° C (-22 to 104° F)
Ambient Operating Humidity	5 to 90% noncondensing
Networking Interface	(5) 10/100/1000 Base-T
PoE Interface	(1) PoE++ input, 50V DC, 1A (4) PoE outputs, 50V DC, 30W per port (Max 55W aggregated)

Max. Power Consumption	22W (Without PoE output) 60W (With PoE output)
Digital Input	Gate exit request, gate position, side door exit request, side door position, emergency
Dry Output Relay	(2) Operator: rated 30V DC, up to 1A (1) Aux: rated 30V DC, up to 1A
Powered Output Relay	Side door lock: 12V DC, up to 1A
LEDs	W/B 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 (66 ft) 20 AWG length: 30 m (98 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 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: I
Certifications	CE, FCC, IC, UL 294, CAN/ULC-60839-11-1
Document number, and issue date and/or revision level	UA-Hub-Gate, V01
Software Information	The software version can be checked at https://unifi.ui.com

G3 Intercom

Dimensions	324.8 x 113.7 x 28.3 mm (12.8 x 4.5 x 1.1")
Integrated Camera	Yes
NFC Card & Keyfob Access	Yes
PIN Access	Yes
Apple/Google Wallet	Yes
Mobile Unlock	Yes
Two-Way Intercom & Doorbell Access	Yes
Weatherproofing	IP65
NDAA Compliant	Yes
UL 294 Level	Destructive attack: Level I Line security: Level I Endurance: Level I Standby power: Level I
Weight	Device: 965 g (2.1 lb) Bracket: 445 g (1 lb)
Enclosure Material	Aluminum alloy, UV-stabilized polycarbonate, glass
Mount Material	Powder-coated stainless steel
Mounting	Wall mount, adapter to the gooseneck pedestal (Included) Surface angle, flush mount, sunshield kit (Optional)
Indoor and Outdoor Use	Yes
Ambient Operating Temperature	Device: -30 to 60° C (-22 to 140° F) Display: -25 to 60° C (-13 to 140° 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	13W
Supported Voltage Range	48V DC
Sensors	Proximity sensor ALS sensor
Display	177 mm (7") diagonal
Touch Screen Technology	Capacitive multi-touch

Display Luminance	Max. 1000 nits (Typical)
Resolution	1024 x 600 px
Microphone	Yes
Speaker	(1) Yes, 2W
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
LEDs	Amber Learn More
Buttons	(1) Factory-reset
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Certifications	CE, FCC, IC, UL 294, CAN/ULC-60839-11-1
Document number, and issue date and/or revision level	UA-G3-Intercom, V01
Software Information	The software version can be checked at https://unifi.ui.com

Retrofit Extender

Dimensions	PoE in/out: 40 x 105 x 25 mm (1.6 x 4.1 x 1") Adapter: 43.5 x 138 x 30 mm (1.7 x 5.4 x 1.2")
Weight	PoE in: 77 g (2.7 oz) PoE out: 79 g (2.8 oz) Adapter: 140 g (4.9 oz)
Enclosure Material	Polycarbonate
Mount Material	Polycarbonate
Coaxial Connector	BNC female

Networking Interface	(1) 10/100 MbE (1) Homeplug AV
Power Method	PoE++
PoE Interface	PoE in: (1) PoE++, 50V DC, 1.2A PoE out: (1) PoE+, 48V DC, 0.6A
Max. Power Consumption	3W (Without PoE output)
ESD/EMP Protection	Air: ±8kV, contact: ±4kV
LEDs	White
Ambient Operating Temperature	-10 to 40° C (14 to 104° F)
Ambient Operating Humidity	5 to 90% noncondensing
NDAA Compliant	Yes
Certifications	CE, FCC, IC

PoE++ Adapter

Model	U-PoE++
Dimensions	106 x 63 x 34 mm (4.2 x 2.5 x 1.3")
Weight	210 g (7.4 oz)
Output Voltage	48V DC @ 1.25A
Gigabit LAN Port	Yes
Rated Voltage	100—240V AC @ 50/60Hz
Input Current	1.3A @ 120V AC 0.75A @ 230V AC
Inrush Current	<100A peak @ 120V AC <200A peak @ 230V AC
Efficiency	85+%
Output Ripple	1% max.
Switching Frequency	65 kHz
Line Regulation	≤ 1%
Load Regulation	≤ 3%
4-pair Powering	Pins 1, 2, 4, 5 (+) and 3, 6, 7, 8 (-)
AC Connector	IEC-320 C6
Data In / PoE	RJ45 shielded socket
Surge Protection	Difference and common mode

Clamping Protection	11V data, 60V power
Max. Surge Discharge	1500A (8/20 μ s) power
Peak Pulse Current	36A (10/1000 μ s) data
Shunt Capacitance	<5 pF data
Response Time	<1 ns
Power Method	Universal AC input, 100—240V AC, 50/60 Hz
Power Supply	AC/DC
Supported Voltage Range	100—240V AC
Max. PoE+ Wattage per Port by PSE	60W
Ambient Storage Temperature	-30 to 70°C (-22 to 158° F)
Ambient Operating Temperature	0 to 40° C (32 to 104° F)
Ambient Operating Humidity	10 to 95% noncondensing
Certifications	CE, FCC, IC, UL, UKCA, KC, CCC, KC, RoHS
NDAA Compliant	Yes