

Q retrofit hu

- Cloud Gateways
- Switching
- WiFi
- Camera Security
- Door Access
- Integrations
- Advanced Hosting
- Accessories

Hubs > [Retrofit Hub](#)



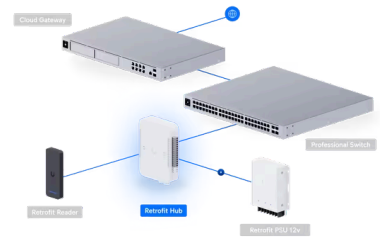
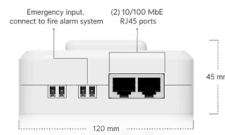
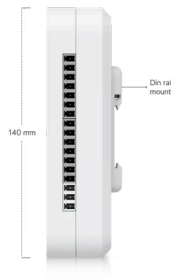
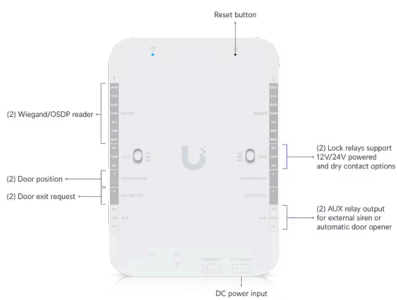
Retrofit Hub UA-Retrofit-Hub-2

Datasheet

In The Box

Marketing Images

Installation Guide



Overview

Dimensions	140 x 120 x 45 mm (5.5 x 4.7 x 1.8")
UniFi Application Suite	
Access	✓
Supported Doors	2
Maximum User Count	10,000
Input Terminals	(2) Third-party Wiegand Reader / UniFi Retrofit Reader (2) Door exit request (2) Door position (1) Emergency
Power Method	DC 12/24V
NDA Compliant	✓

Mechanical

Weight	420 g (14.8 oz)
Enclosure Material	Polycarbonate
Mount Material	SGCC steel
Mounting	Din-rail (Included)

Hardware

Digital Input	(2) Third-party Wiegand Reader / UniFi Retrofit Reader (2) Door exit request (2) Door position (1) Emergency
Dry Output Relay	Lock: rated 30V DC, up to 1A Aux: rated 30V DC, up to 1A
Powered Output Relay	12V Lock: 12V DC, up to 1A 24V Lock: 24V DC, up to 0.5A

Indoor and Outdoor Use	Indoor only
Ambient Operating Temperature	-10 to 40° C (14 to 104° F)
Ambient Operating Humidity	5 to 90% noncondensing
Networking Interface	(2) 10/100 MbE RJ45 ports
Power Supply	DC 12/24V
Max. Power Consumption	50W
LEDs	W/B Learn More
Buttons	(1) Factory-reset (2) 12V/Dry/24V switch
Recommend Max. Cable Length	
UA-Retrofit-Reader (250mA)	18 UACC-Cable-DoorLockRelay length: 152.4 m (500 ft)
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)
Certifications	CE, FCC, IC
^ Software	
Management Application	Access
Software Information	The software version can be checked at https://unifi.ui.com

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