



Enterprise Access Hub

EAH-8

Datasheet

In The Box

Marketing Images

Accessories

Installation Guide

^ Overview

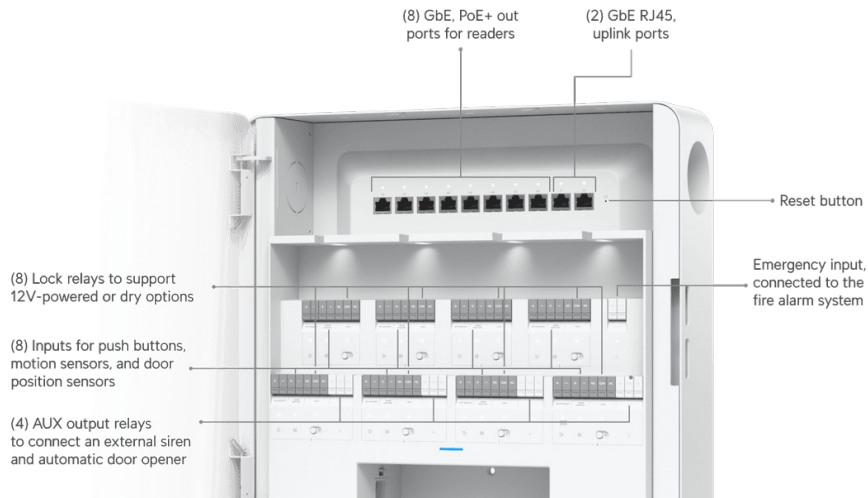
Dimensions 379 x 355 x 105 mm (15 x 14 x 4.1")

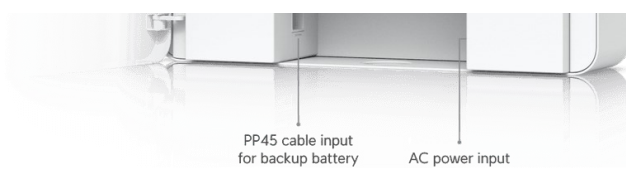
Supported Doors 8

Maximum User Count 10,000

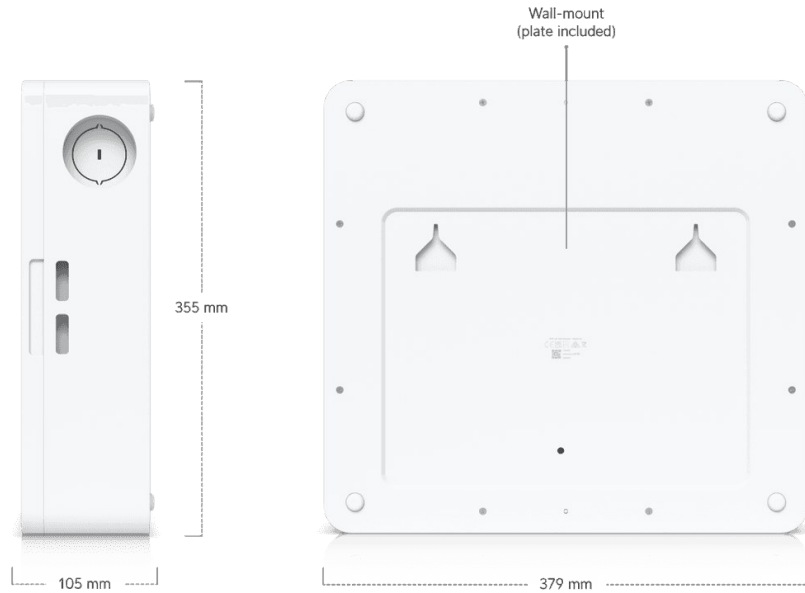
Input Terminals (8) Door exit request (8) Door position (1) Emergency

Universal input, 100–240V AC, Max.





PP45 cable input for backup battery
AC power input



Wall-mount (plate included)

Cable management cover



Power Method

4.4A, 50/60 Hz
32–48V DC Lead Acid Battery, Max.
7.5A @32V

NDAA Compliant

✓

UL 294 Level

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

^ Mechanical

Weight

Device: 9.1 kg (20 lb)
Mount: 624 g (1.4 lb)

Enclosure Material

SGCC steel housing with polycarbonate cover

Mount Material

SGCC steel

Mounting

Wall

^ Hardware

Digital Input

(8) Inputs for request-to-exit devices
(8) Inputs for door position sensors
(1) Emergency

Dry Output Relay

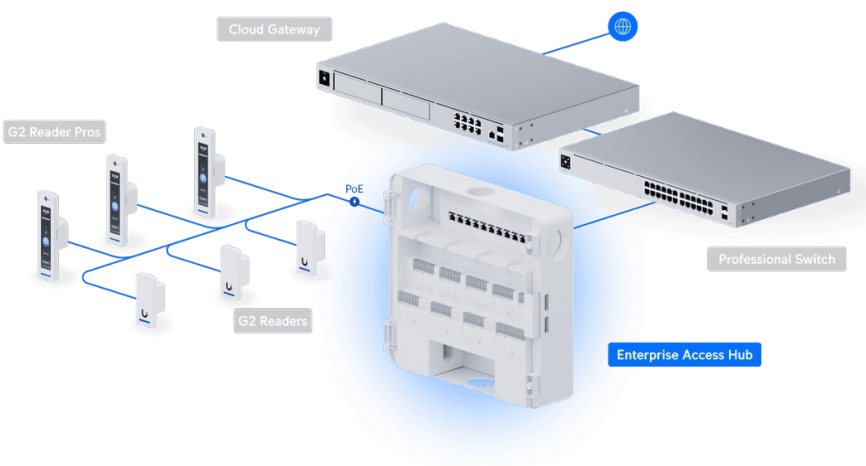
(8) Lock terminals (12V or Dry)
(4) AUX terminals for advanced setup
(Chime/Siren/Door opener)

Powered Output Relay

Lock: 12V DC, 1A/ Dry
Aux: Dry only

Indoor and Outdoor Use

Indoor only



Ambient Operating Temperature	0 to 40° C (32 to 104° F)
Ambient Operating Humidity	5 to 95% noncondensing
Networking Interface	(10) 10/100/1000 Base-T
PoE Interface	(8) PoE+ outputs, 50V DC, 30W per port (Max 190W aggregated)
Power Supply	AC/DC, internal
Max. Power Consumption	240W
Max. PoE Wattage per Port	30W
LEDs	W/B Learn More
Buttons	(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)
UA-Lock-Magnetic-540kg (500mA)	18 UACC-Cable-DoorLockRelay length: 100 m (328 ft)
	24 AWG length: 20 m (66 ft)
	22 AWG length: 32 m (105 ft)
UA-Lock-Magnetic-270kg (800mA)	20 AWG length: 51 m (167 ft)
	18 UACC-Cable-DoorLockRelay length: 80 m (262 ft)
	24 AWG length: 12 m (39 ft)
UA-Lock-Magnetic-270kg (800mA)	22 AWG length: 20 m (66 ft)
	20 AWG length: 30 m (98 ft)
	18 UACC-Cable-DoorLockRelay length:

Other locks (1A)	46 m (151 ft) 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	Cable 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	EAH-8, Ver 01

^ **Software**

[Management Application](#)

[Access](#)

[Software Information](#)

The software version can be checked at <https://unifi.ui.com>

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