



PoE Over 2-Wire Retrofit Extender

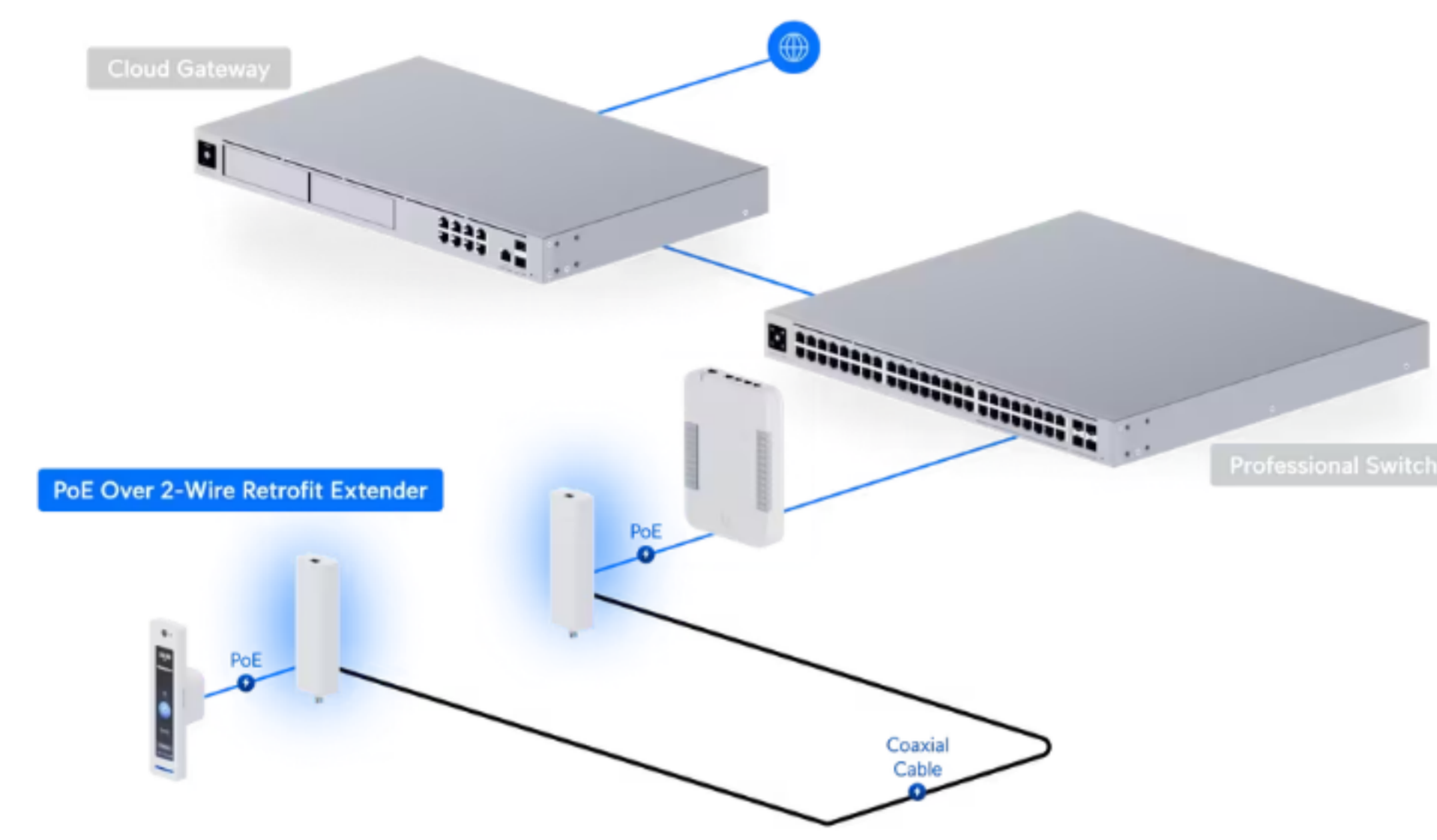
UACC-Retrofit-PoE-2Wire

Datasheet

In The Box

Marketing Images

Installation Guide



Mechanical

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

Mounting material

Polycarbonate

Coaxial connector

BNC female

Hardware

Networking interface

(1) 10/100 MbE
(1) Homeplug AV

Power method

PoE++

PoE input

(1) PoE++, 50V DC, 1.2A

PoE output

(1) PoE+, 48V DC, 0.6A

Max. power consumption

3W (Without PoE output)

ESD/EMP protection

Air: ±8kV, contact: ±4kV

Recommend max. cable length

Cable length	UTP 24AWG 0.18ohm/meter	RG-6, 0.14ohm/meter
50 m	85	25
100 m	85	13
150 m	85	9
200 m	85	6
250 m	80	4
300 m	75	3
350 m	70	0
400 m	65	0
450 m	60	0
500 m	55	0
550 m	50	0
600 m	—	—
650 m	—	—
700 m	—	—
750 m	—	—

Cable length	BandwidthMax (Mbps)	BandwidthMax output (W)	BandwidthMax output (Mbps)	BandwidthMax output (W)
50 m	85	25	85	25
100 m	85	13	85	20
150 m	85	9	85	13
200 m	85	6	85	9
250 m	80	4	85	7
300 m	75	3	85	6
350 m	70	0	85	4
400 m	65	0	82	3
450 m	60	0	80	0
500 m	55	0	75	0
550 m	50	0	70	0
600 m	—	—	65	0
650 m	—	—	60	0
700 m	—	—	55	0
750 m	—	—	50	0

LED

White

Ambient operating temperature

-10 to 40° C (14 to 104° F)

Ambient operating humidity

5 to 90% noncondensing

Certifications

CE, FCC, IC