



G3 Reader Pro

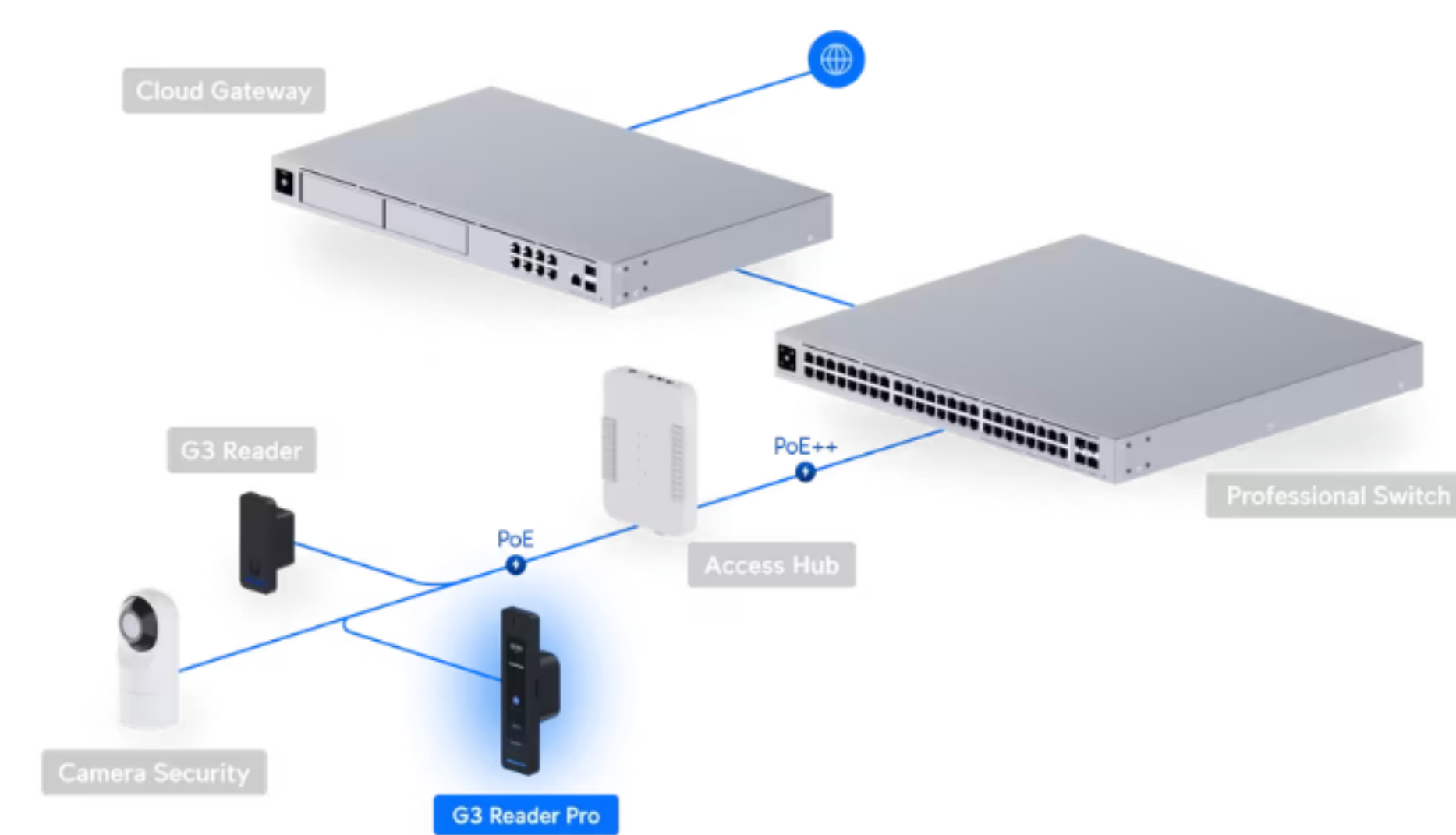
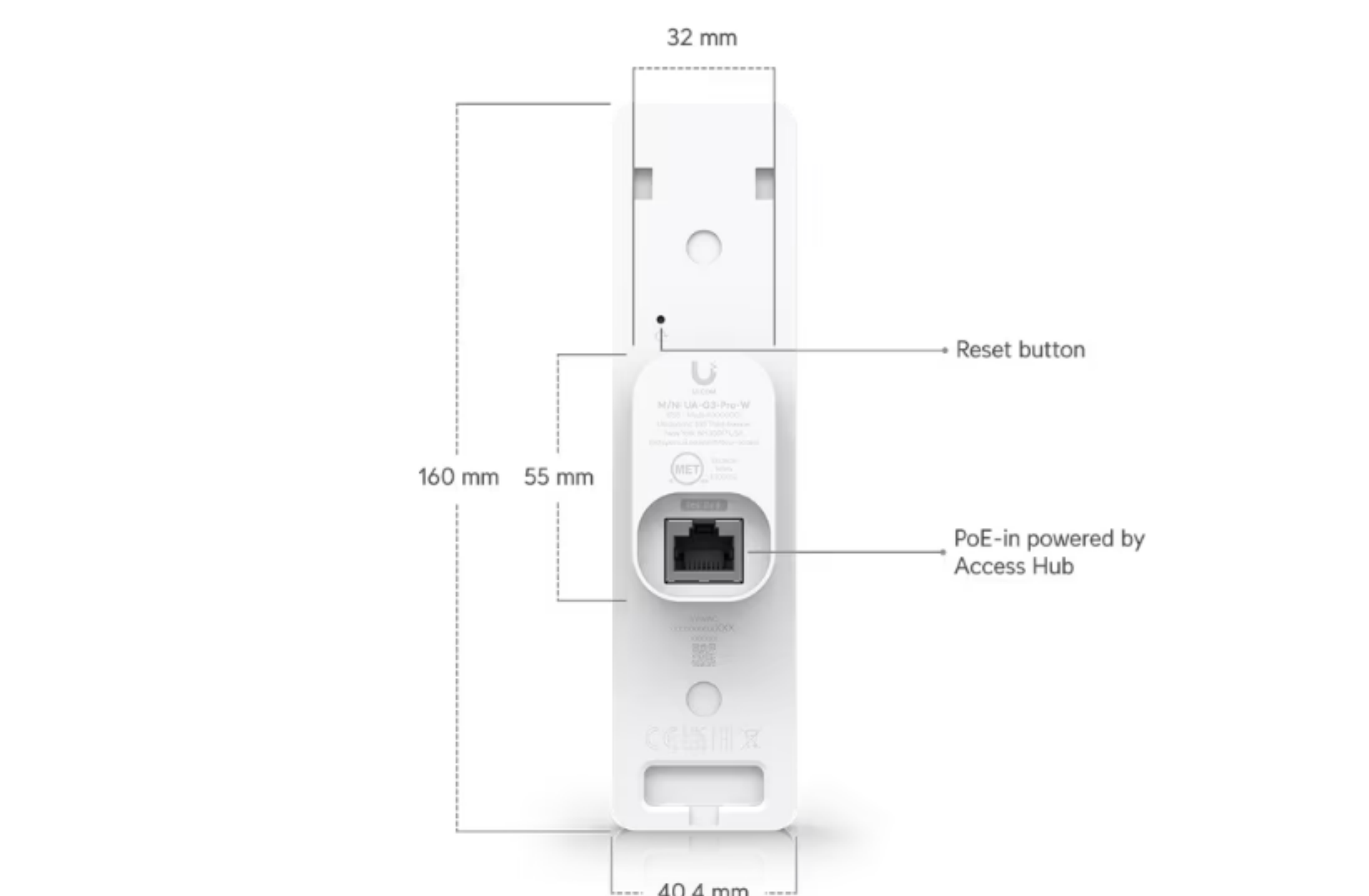
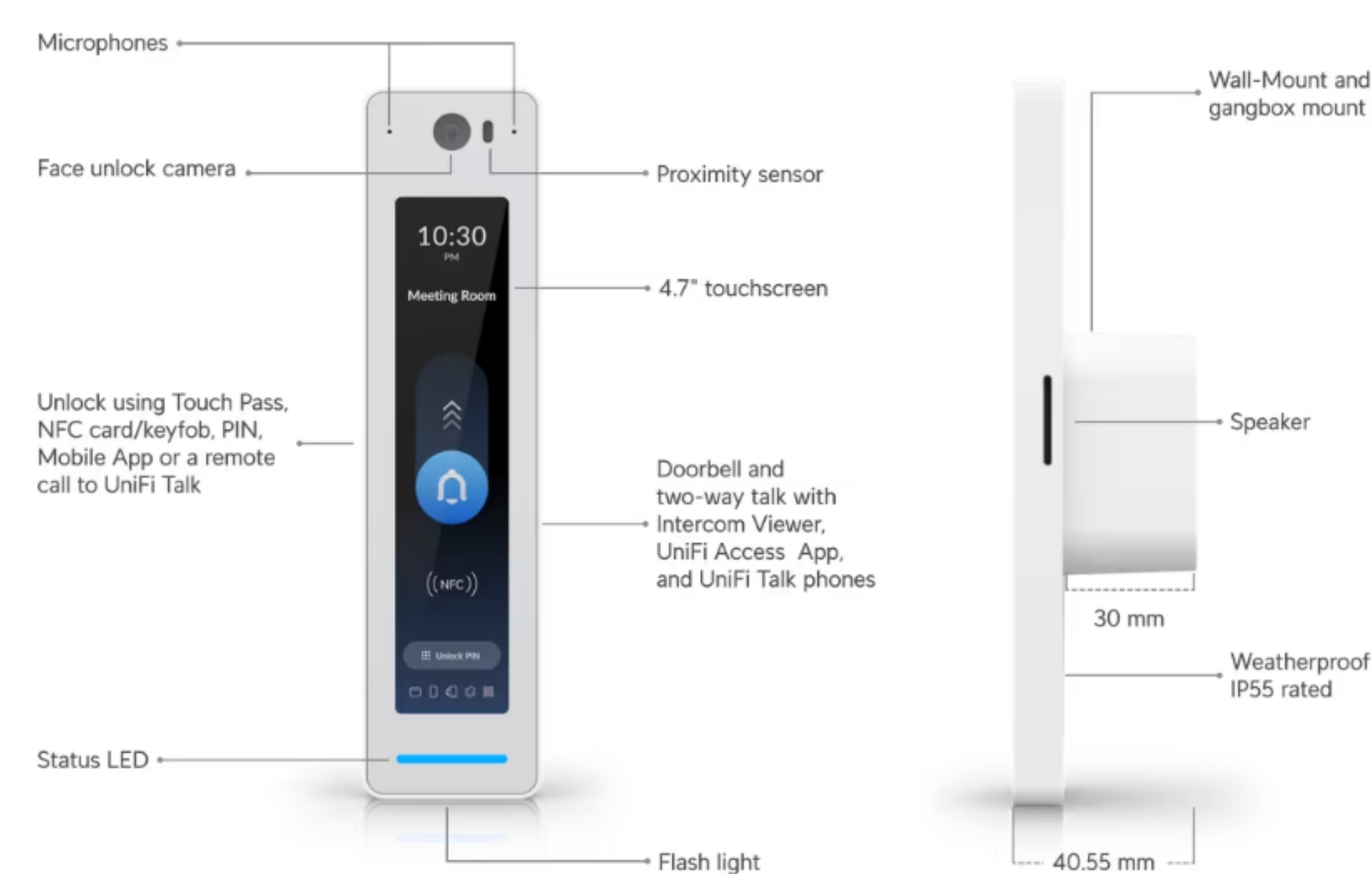
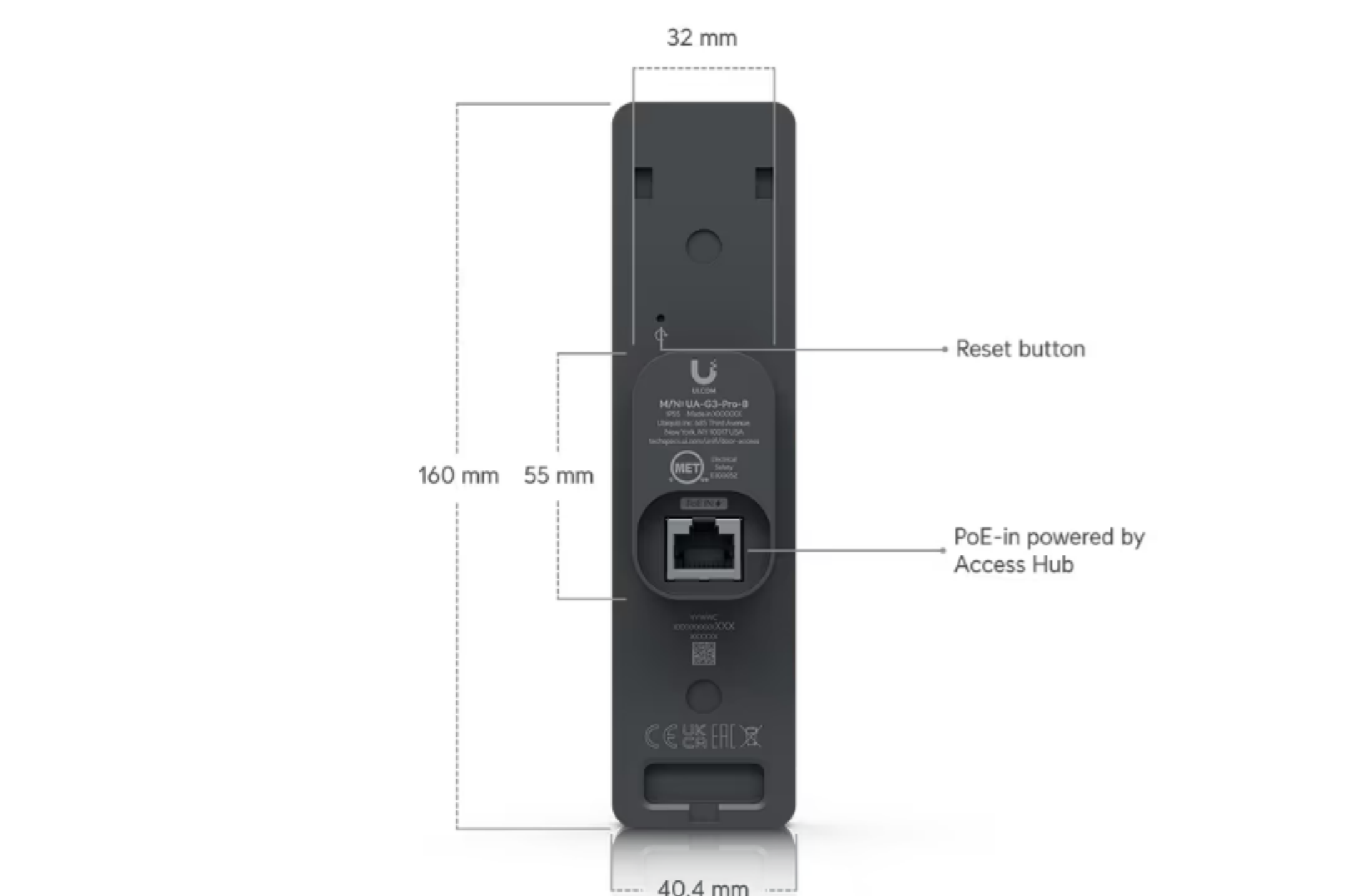
UA-G3-Pro

Datasheet

In The Box

Marketing Images

Installation Guide



Overview

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	✓
NDAA Compliant	✓

UL 294 Level
Destructive attack: Level I
Line security: Level I
Endurance: Level I
Standby power: Level I

Weatherproofing IP55

Mechanical

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)

Hardware

Indoor and Outdoor Use	Yes
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	✓
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

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 mm²) for patch cords; 24 AWG (0.21 mm²) 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, SRRC, 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

Management Application	Access
Software Information	The software version can be checked at https://unifi.ui.com