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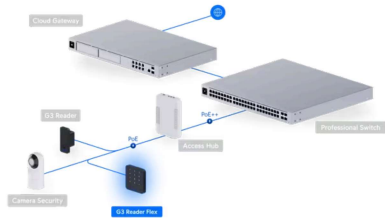
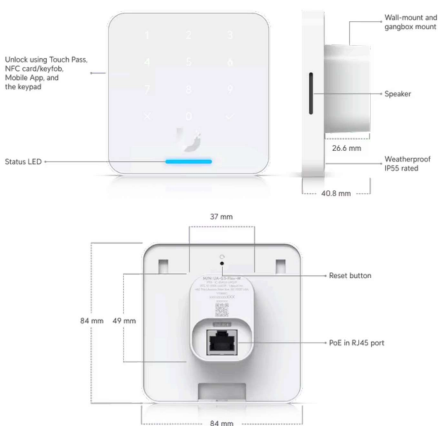
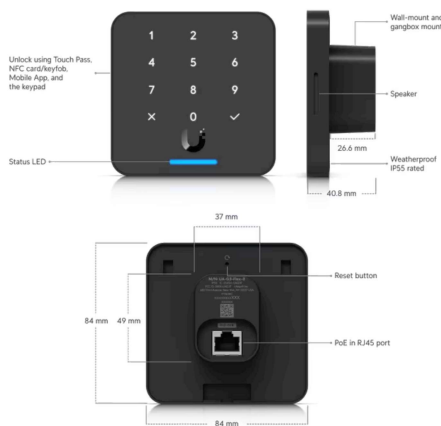
Readers > [Reader Flex](#)

Datasheet

In The Box

Marketing Images

Installation Guide



Overview

Dimensions	84 x 84 x 40.8 mm (3.3 x 3.3 x 1.6")
NFC Card & Keyfob Access	✓
PIN Access	✓
Apple/Google Wallet	✓
Mobile Unlock	✓
NDAA Compliant	✓
UL 294 Level	Destructive attack: Level I Line security: Level I Endurance: Level I Standby power: Level I

Weatherproofing	IP55
^ Mechanical	
Weight	165 g (5.8 oz)
Enclosure Material	Polycarbonate, glass, aluminium alloy
Mount Material	Polycarbonate, aluminum alloy
Mounting	Wall (Included) Gang-box, junction box (Optional)
^ Hardware	
Indoor and Outdoor Use	Yes
Ambient Operating Temperature	-30 to 60° C (-22 to 140° F)
Ambient Operating Humidity	5 to 90% noncondensing
Networking Interface	(1) 10/100 MbE RJ45 port
Connectivity	BLE 4.1 NFC
Power Method	PoE UL 294 Power-limited Class 2 PSU UL 60950-1/62368-1 LPS/PS2 PSU
Max. Power Consumption	5W
Supported Voltage Range	44—57V DC
ESD/EMP Protection	Air: ±15kV, contact: ±8kV
Sensors	(12) Capacitive buttons
Speaker	✓
LEDs	R/G/B/W 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, UL 294, CAN/ULC-60839-11-1

Document number, and issue date and/or revision level

UA-G3-Flex V01

^ **Software**

Management Application

Access

Software Information

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

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