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UBIQUITI UNI FI ACCESS

IP55 Weatherproof

UniFi G2 Reader

Compact IP Door Reader | Model: UA-G2

General Description

The UniFi Access G2 Reader (UA-G2) is a second-generation IP access control reader in the form factor Ultra-slim for narrow door frames. Designed to withstand indoor and outdoor environments.
IP55 protection, offers NFC/RFID card reading, Bluetooth mobile unlocking and gesture sensors without contact.

Key Features

- Multimodal Access: Supports unlatching via NFC cards, RFID key fobs, UniFi Identity mobile app and gesture detection (Handwave Request to Exit).
- Advanced Connectivity: 10/100 MbE Ethernet interface with BLE 4.1 support and integrated NFC.
- Rugged Design: IP55 weatherproof protection with a wide operating temperature range (-30 to 45 °C).
- Visual and Audible Indication: Multicolor RGBW LED ring and integrated 0.7W speaker for access status.
- Mounting Bracket: Includes aluminum alloy mounting base for recessed or electrical box mounting standard (Gang box).
- ESD/EMP protection: Protection against electrostatic discharges of ±15kV in air and ±8kV by contact.

Technical Specifications

Dimensions	93 x 40 x 36.5mm (3.7 x 1.6 x 1.4")
Weight	82 g (2.9 oz)
Materials	Polycarbonate and glass (Chassis) / Aluminum alloy (Support)
Feeding Method	PoE 48V DC (Maximum consumption: 5W)
NFC Range and Frequency	< 30 mm (1.18") | 13.56 MHz
NFC technologies	ISO/IEC 14443A/B, 15693, 18092, MIFARE Classic, MIFARE DESFire, Sony Felica
Sensors and Audio	Proximity sensor | Integrated 0.7W speaker | RGBW lighting
Recommended PoE Cabling	Minimum Cat 5e (Minimum gauge: 26 AWG patch / 24 AWG horizontal)
Operating Humidity	5 to 90% non-condensing
Certifications	CE, FCC, IC, UL 294, CAN/ULC-60839-11-1, NDAA Compliant