Ubiquiti Access Reader Lite User Guide

Contents [hide

1 Ubiquiti Access Reader Lite
2 Package Contents
3 Installation Requirements
4 Sample Wiring Topology
5 Hardware Overview
6 Hardware Installation
7 Specifications
8 Electrical Safety Information
9 Limited Warranty
10 FCC STATEMENT
11 ISED Canada
12 Online Resources
13 Documents / Resources
13.1 References
14 Related Posts

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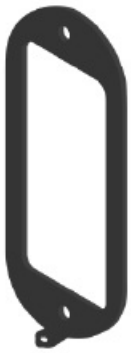
Ubiquiti Access Reader Lite

Package Contents

UA-Lite



Wall Mount

T6 Torx Screwdriver

Screw Kit

Security Screw

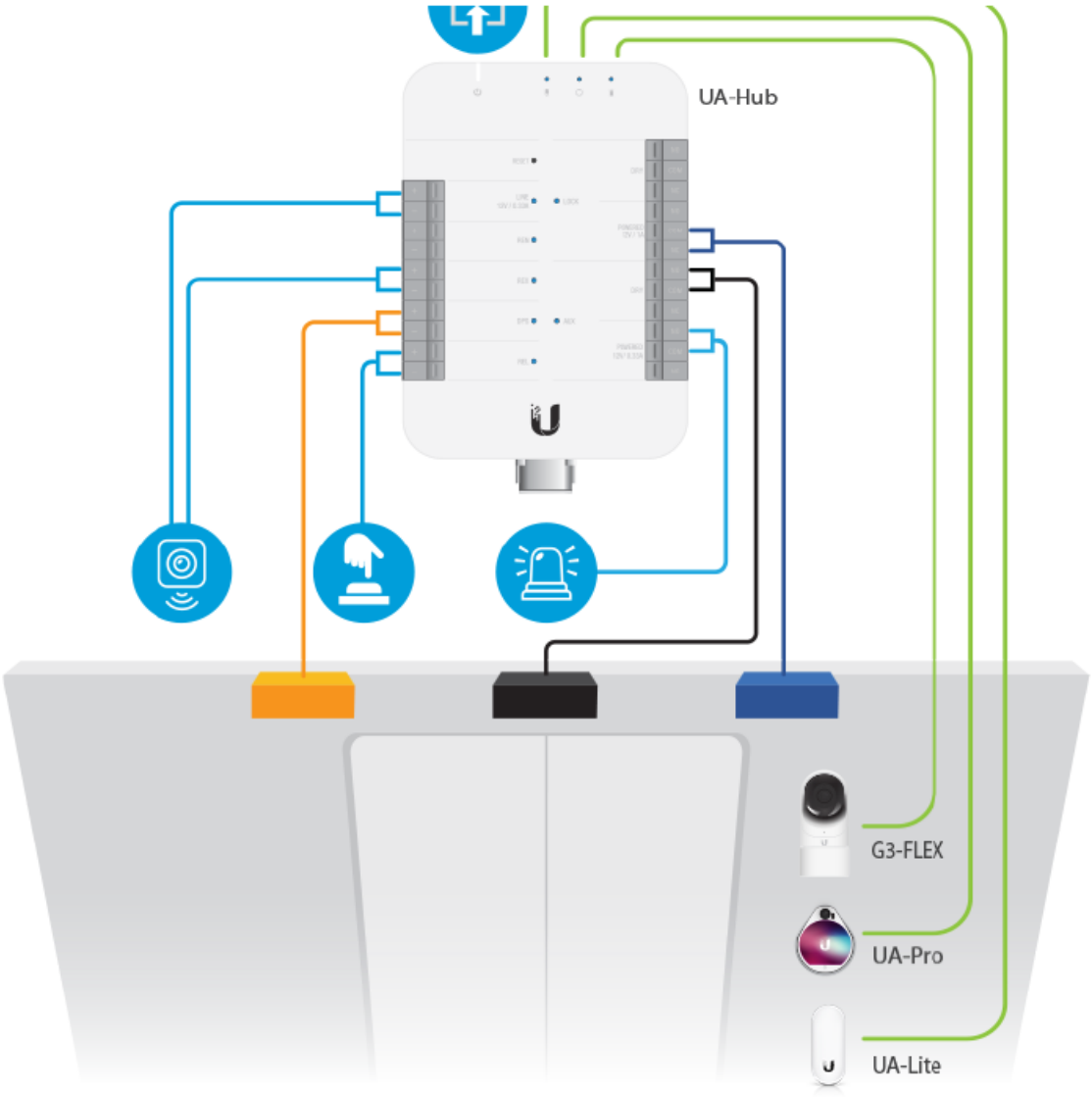
Note: Each UniFi Access component and all third-party accessories are sold separately.

Installation Requirements

- Phillips screwdriver

- Ethernet cable, CAT5e or better

Sample Wiring Topology



- Door Position Switch
- Externally Powered Door Opener
- Magnetic Lock

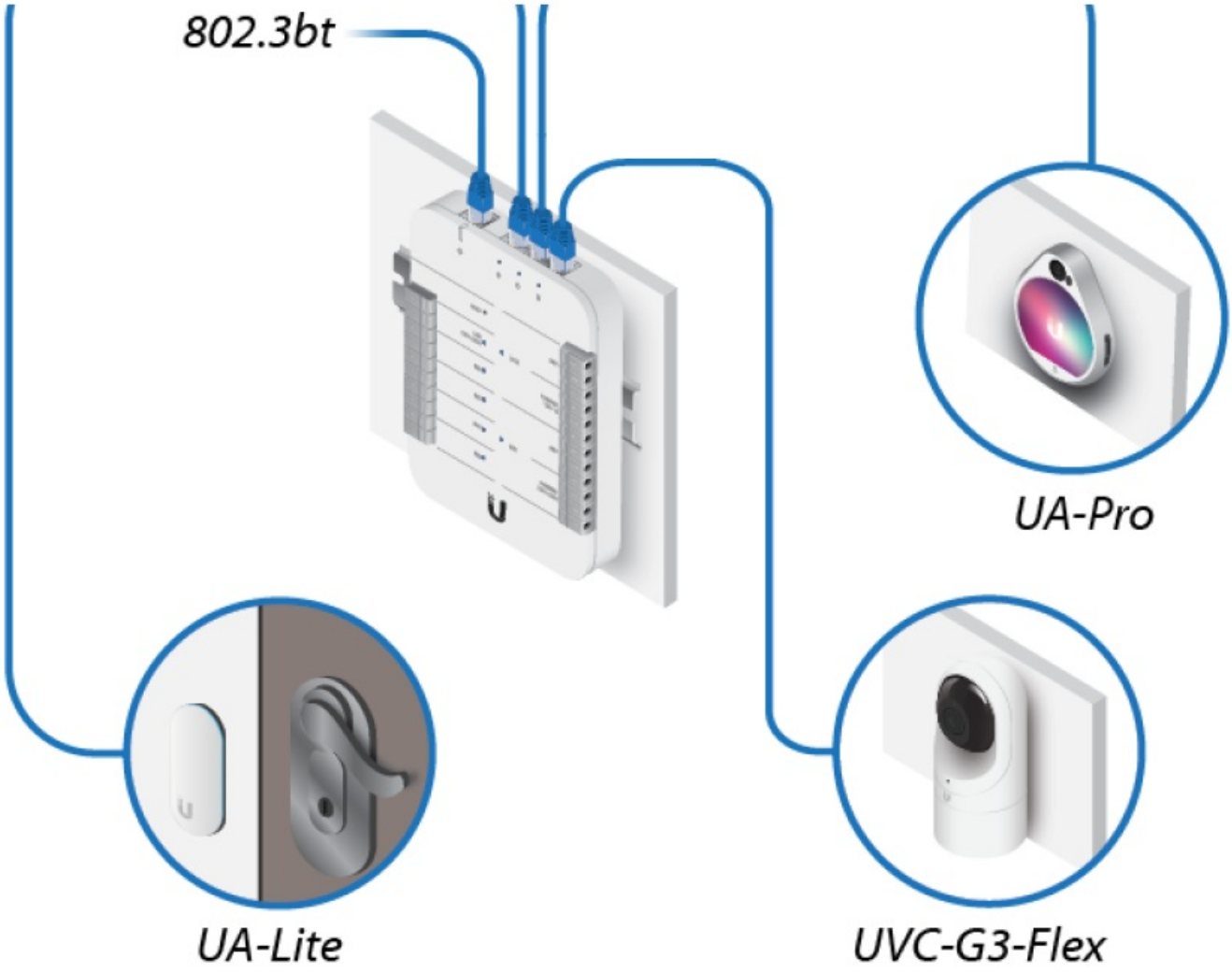
Hardware Overview

LED	
Flashing White	Initializing
Steady Blue	Adopted / device is ready
Steady White	Pending adoption
Flash Blue Twice	NFC card detected
Flash White Twice	Access denied
Alternating White/Blue	Upgrading firmware

Hardware Installation

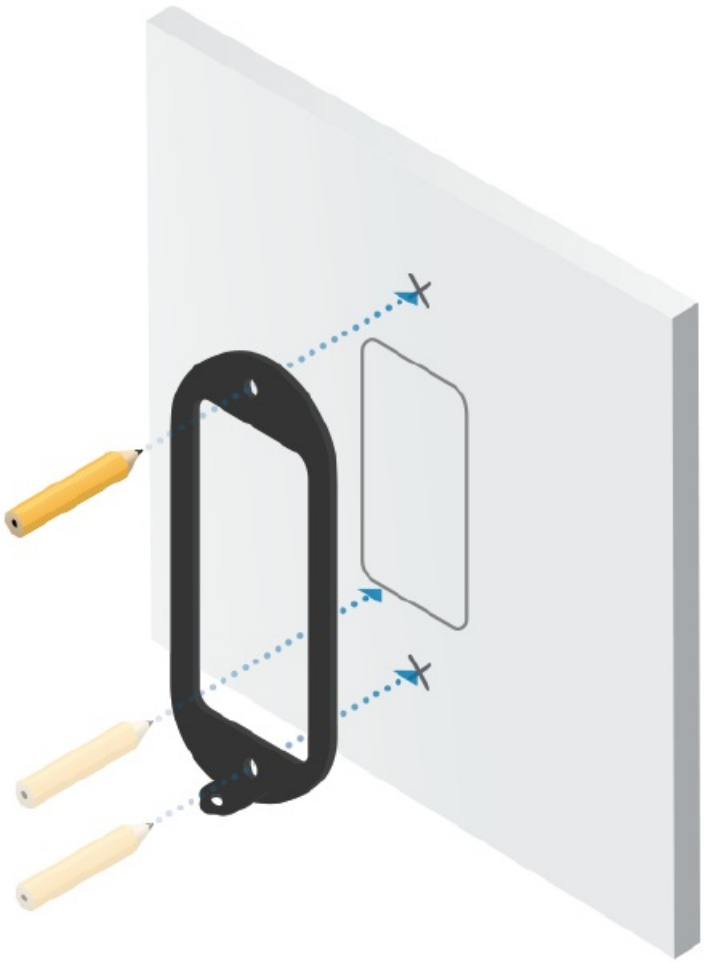
Note: Determine the installation locations for each UA-Hub and door access reader. Cable runs for Ethernet should not exceed 100 meters; wire runs for lock cables should not exceed 45 meters.

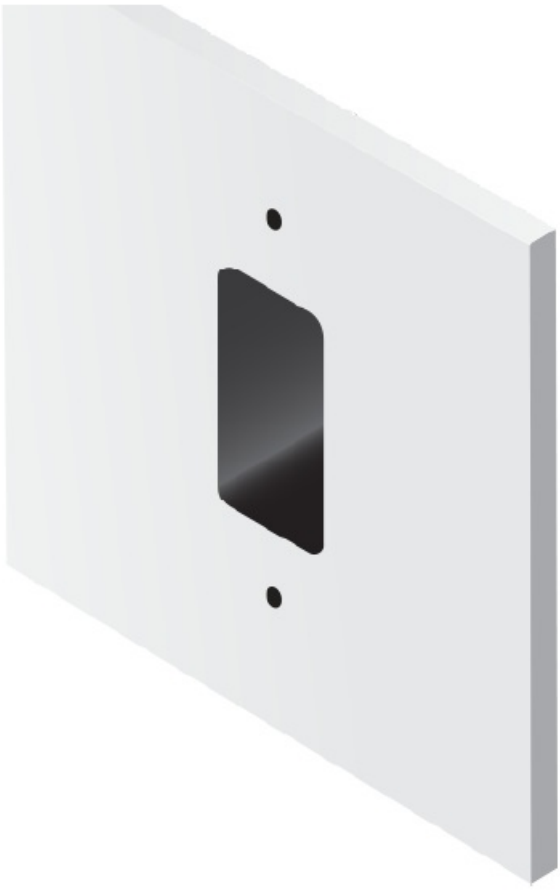
Peripherals

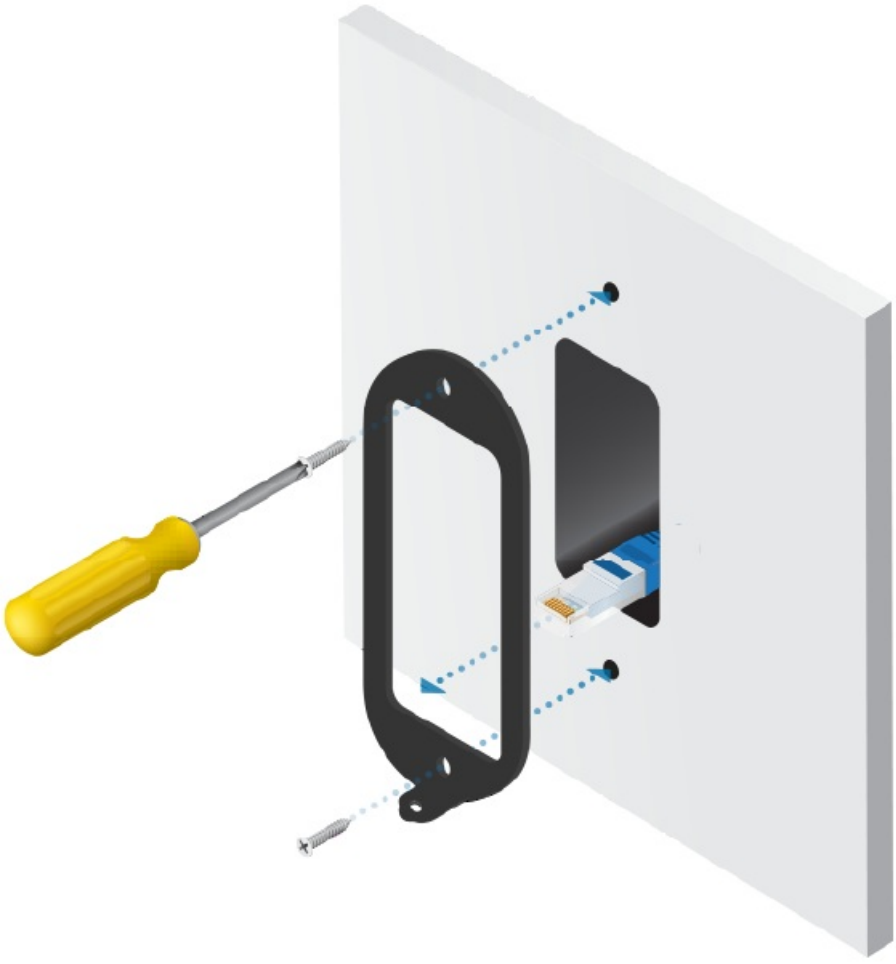


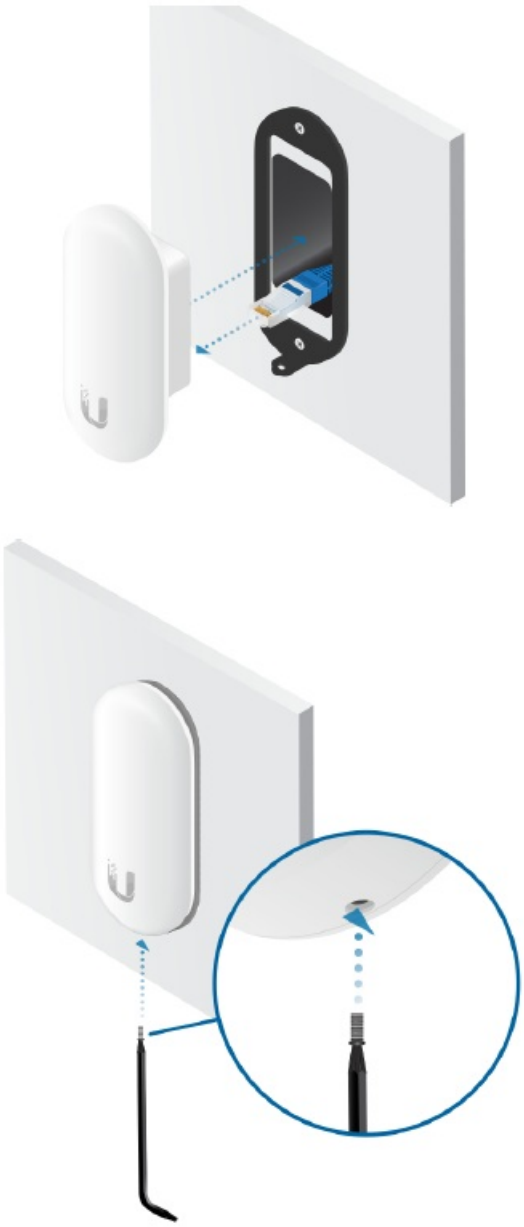
Sample UniFi Access Diagram

UA-Lite

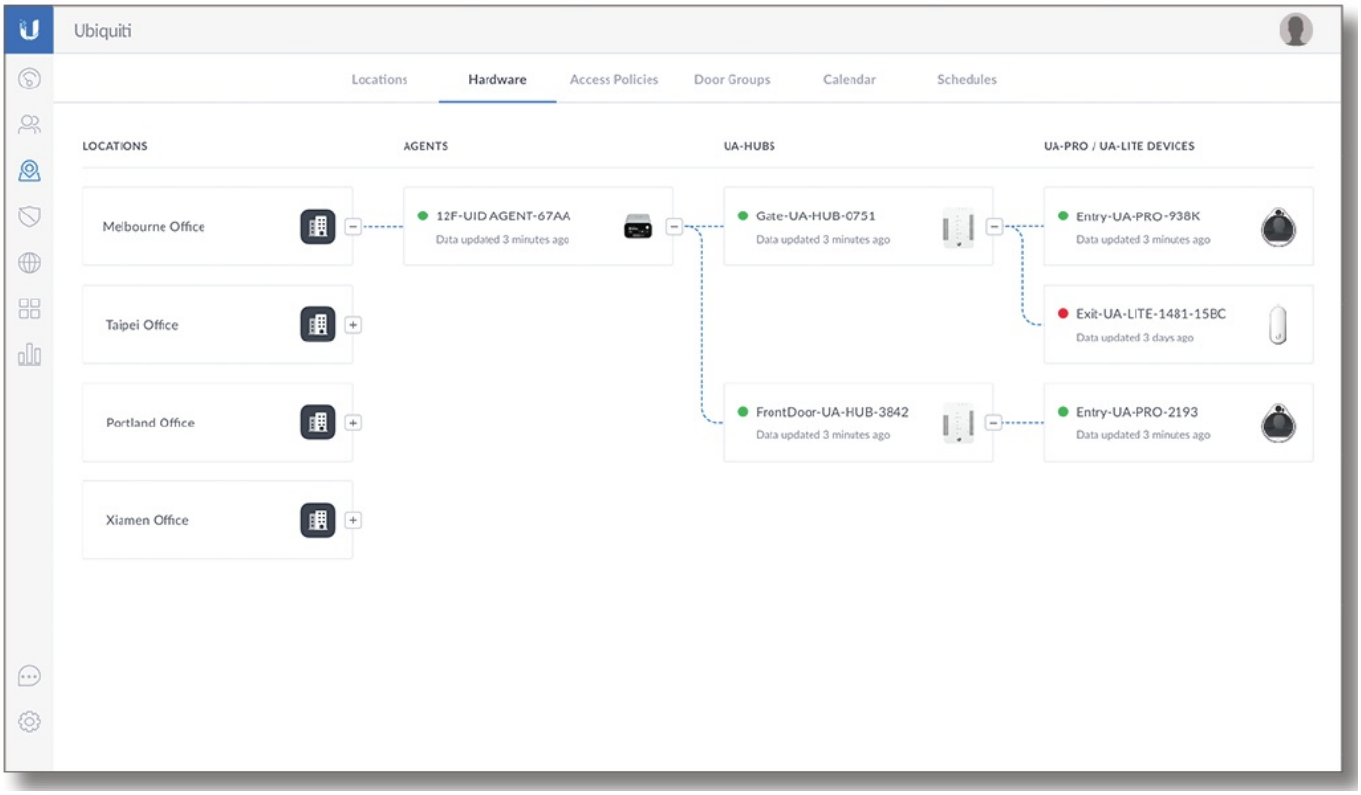








UniFi Access Controller



Specifications

UA-Lite	
Dimensions	94.91 x 40.00 x 31.10 mm (3.74 x 1.57 x 1.22″)
Weight	65 g (2.29 oz)
Mounting Options	Wall Mount
Networking Interface	10/100 Mbps Ethernet
Max. Power Consumption	6W
Power Method	802.3af PoE
IP Rating	IP54
Buttons	(1) Reset
LEDs	White / Blue
Connectivity	Ethernet, BLE 4.1
Operating Temperature	-40 to 40° C (-40 to 104° F)
Operating Humidity	5 to 90% Non-Condensing
Certifications	CE, FCC, IC

NFC	
Frequency	13.56 MHz
Read Range	<30 mm

Standards	ISO 14443A, 14443B, 15693
Technology	NFC Tag 1, 2, 3, 4, 5 MIFARE Classic MIFARE Plus MIFARE Ultralight MIFARE DESFire EV1/EV2

Safety Notices

1. Read, follow, and keep these instructions.
2. Heed all warnings.
3. Only use attachments/accessories specified by the manufacturer.

WARNING: Do not use this product in location that can be submerged by water.

Electrical Safety Information

1. Compliance is required with respect to voltage, frequency, and current requirements indicated on the manufacturer's label. Connection to a different power source than those specified may result in improper operation, damage to the equipment or pose a fire hazard if the limitations are not followed.
2. There are no operator serviceable parts inside this equipment. Service should be provided only by a qualified service technician.

Limited Warranty

ui.com/support/warranty
The limited warranty requires the use of arbitration to resolve disputes on an individual basis, and, where applicable, specify arbitration instead of jury trials or class actions.

FCC STATEMENT

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions.

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not

installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This radio transmitter (FCC ID: SWX-UALITE) has been approved by FCC.

ISED Canada

CAN ICES-3(B)/NMB-3(B)
This device complies with ISED Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

This radio transmitter (IC: 6545A-UALITE) has been approved by ISED Canada.

IMPORTANT NOTE

Radiation Exposure Statement

- This equipment complies with radiation exposure limits set forth for an uncontrolled environment.
- This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.
- This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

CE Marking
CE marking on this product represents the product is in compliance with all directives that are applicable to it.

AT	BE	BG	CY	CZ	DE	DK	EE	EL	ES	FI	FR	HR	HU
IE	IT	LV	LT	LU	MT	NL	PL	PT	RO	SE	SI	SK	UK

BFWA (Broadband Fixed Wireless Access) members noted in blue

Note: This device meets Max. TX power limit per ETSI regulations.

Online Resources

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Documents / Resources

	Ubiquiti Access Reader Lite [pdf] User Guide Access Reader Lite, Access, Reader Lite

References

- Ubiquiti - Downloads
- Ubiquiti - Warranty
- community.ubnt.com/
- WEEE Compliance Statement
- Ubiquiti - Compliance
- Ubiquiti - Downloads
- Ubiquiti - Downloads
- Ubiquiti - Warranty