

Quick Start Guide

Cloud Services Access Point

CSW630



Package Contents



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1. CSW630 access point
2. Ceiling mounting plate

3. Screw kit—4 ceiling mount screws, 4 wall mount screws, and 4 plugs

Overview



1. Console port
2. 12 VDC power input
3. USB 2.0 port
4. Restart/Reset button
5. RJ-45 5G PoE PD ports
6. Kensington lock slot

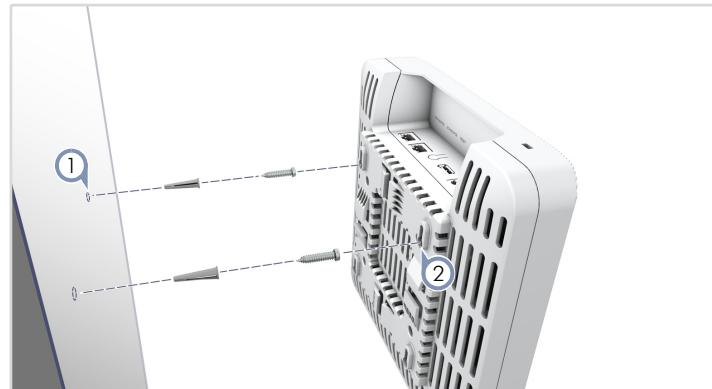
Installation



Warning: For indoor use only. The access point, AC power adapter, and all connected cables are not for outdoor use.

1 Mount the AP

a. Mounting on a Wall



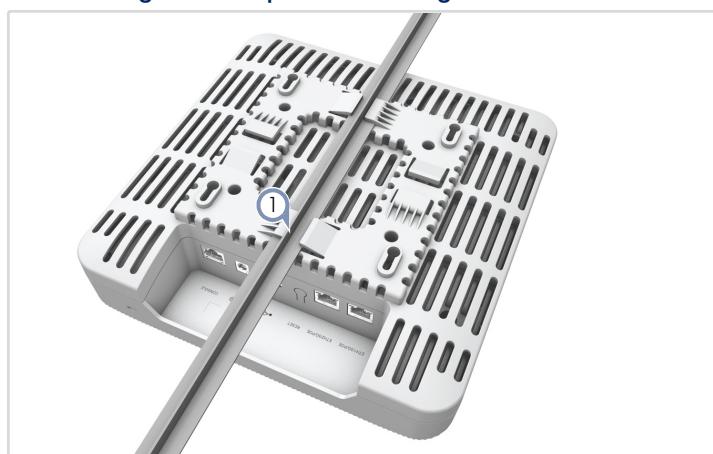
1. At the installation location on the wall, use the ceiling mounting plate to mark two holes for the wall plugs and screws (included in the screw kit).

Drill two holes for the wall plugs, and then insert the plugs and tap them flush with the wall surface.

Insert the two screws leaving at least 4.6 mm of clearance to install the AP.

2. With its ports facing up, slide the AP down onto the bracket until it is in its secured position.

b. Mounting on a Suspended Ceiling T-Bar

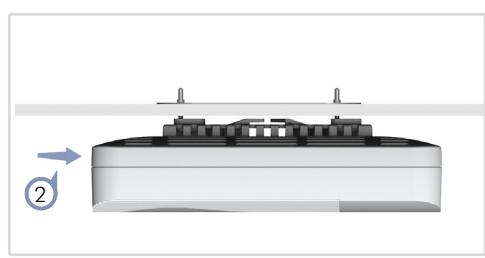
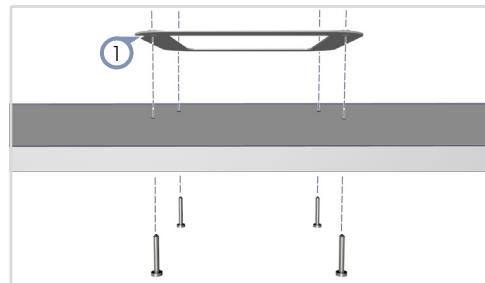


1. Position the ceiling-mount clip holders on either side of the T-bar, and then turn the AP until the two clips lock it to the T-bar.



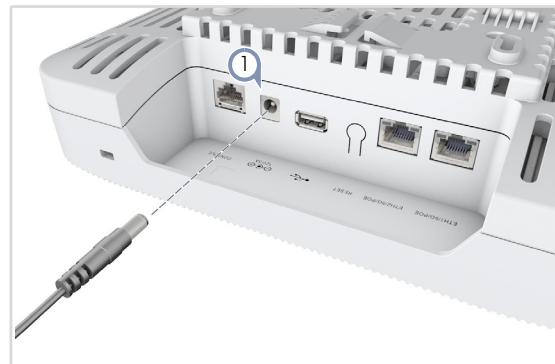
Note: The AP mounting supports two different sizes of suspended ceiling T-bars. The position illustrated above is for 24.5 mm bars. Use the position at a 90 degrees angle for 15 mm bars.

c. Mounting on a Ceiling Tile



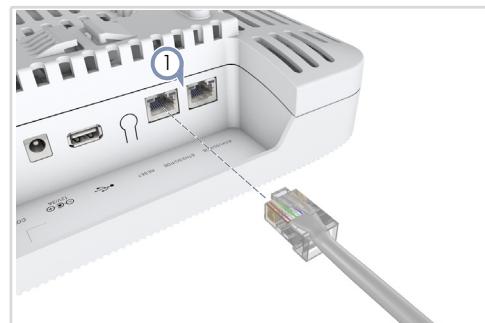
1. At the installation location on the ceiling, use the mounting plate to mark four holes on the tile for the screws (included in the screw kit). Drill four holes in the tile and insert the screws in the mounting plate leaving at least 4.6 mm of clearance to install the AP.
2. Slide the AP onto the screws until it snaps into its secured position.

2 Connect Power



1. Connect the AC power adapter to the power jack on the AP and then plug the adapter into a nearby AC power source.

3 Make Network Connections



1. Connect Category 5e or better cable to ETH1/5G/PoE or ETH2/5G/PoE RJ-45 ports.

Safety and Regulatory Information

FCC Class B

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 harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one 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

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this 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.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 56 cm between the radiator and your body.

CE Statement

This equipment complies with EU radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 24 cm between the radiator and your body.

The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

All operational modes:

2.4 GHz: 802.11b, 802.11g, 802.11n (HT20), 802.11n (HT40), 802.11ac (VHT20), 802.11ac (VHT40), 802.11ax (HE20), 802.11ax (HE40)

5 GHz: 802.11a, 802.11n (HT20), 802.11n (HT40), 802.11ac (VHT20), 802.11ac (VHT40), 802.11ac (VHT80), 802.11ax (HE20), 802.11ax (HE40), 802.11ax (HE80)

BLE 2.4 GHz: 802.15.1

The frequency and maximum transmitted power limit in EU are listed as below:

2412-2472 MHz: 20 dBm

5150-5350 MHz: 23 dBm

5500-5700 MHz: 30 dBm



AT	BE	BG	CH	CY	CZ
DE	DK	EE	EL	ES	FI
FR	HR	HU	IE	IS	IT
LI	LT	LU	LV	MT	NL
NO	PL	PT	RO	SE	SI
SK	TR	UK			

The abbreviations of the countries, as prescribed in above table, where any restrictions on putting into service or any requirements for authorization of use exist.



CE Mark Declaration of Conformance for EMI and Safety (EEC)

This information technology equipment is in compliance with the Directive 2014/53/EU and Directive 2014/35/EU.

Warnings and Cautionary Messages



Warning: This product does not contain any serviceable user parts.

Warning: Installation and removal of the unit must be carried out by qualified personnel only.

Warning: When connecting this device to a power outlet, connect the field ground lead on the tri-pole power plug to a valid earth ground line to prevent electrical hazards.



Caution: Wear an anti-static wrist strap or take other suitable measures to prevent electrostatic discharge when handling this equipment.

Caution: Do not plug a phone jack connector in the RJ-45 port. This may damage this device.

Caution: Use only twisted-pair cables with RJ-45 connectors that conform to FCC standards.

Hardware Specifications

AP Chassis

Size (WxDxH) 240 x 240 x 64 mm (9.45 x 9.45 x 2.52 in.)

Temperature Operating: 0° C to 40° C (32° F to 104° F)
Storage: -20° C to 60° C (-4° F to 140° F)

Humidity Operating: 5% to 95% (non-condensing)

Network Interfaces

Ports RJ-45 Port1: 5G, PoE PD
RJ-45 Port2: 5G, PoE PD

2.4 GHz Radio IEEE 802.11b/g/n/ax

5 GHz Radio IEEE 802.11a/ac/n/ax

Radio Frequencies 2.4–2.4835 GHz (US, ETSI)
5.15–5.25 GHz (lower band) US
5.725–5.825 GHz (upper band) US, Europe
5.15–5.25 GHz, 5.25–5.35, 5.47–5.725 GHz

Product Input Specifications

Input Rating 12 VDC, 3 A
37-56 VDC, 1.07 A (PoE)

Please contact your local supplier for more information about the power supply/adapter.

Regulatory Compliances

Radio EN300 328 V2.2.2 (2019-07)
EN301 893 V2.1.1(2017-05)
47 CFR FCC Part 15.247
47 CFR FCC Part 15.407

Emissions EN 301 489-1 V2.1.1 (2017-02)
EN 301 489-17 V3.1.1 (2017-02)
EN 55032:2015
AS/NZS CISPR 32:2015, Class B
47 CFR FCC Rules and Regulations Part 15
Subpart B, Class B Digital Device

Safety CB (IEC/EN60950-1 & IEC/EN 62368-1)
UL/cUL (UL 60950-1 & CAN/CSA C22.2 No. 60950-1, UL 62368-1 & CAN/CSA C22.2 No. 62368-1)