



## A650 Access Point

Scan for Unleashed Set-Up Documentation



## A650 Access Point

Scan for ARCC Cloud-Based Controller Set-Up Documentation



### Technical Support

#### For All Partners:

Email: [support-case@accessnetworks.com](mailto:support-case@accessnetworks.com)

#### For Snap One Partners:

Visit [snpl.co/techsupport](http://snpl.co/techsupport)

#### Access Networks Partners:

Visit [my.accessnetworks.com/partners/](http://my.accessnetworks.com/partners/) and open a case.

### Warranty and Other Legal Notices

Find the details of the product's Limited Warranty on the support tab for each Access Point model on [my.accessnetworks.com](http://my.accessnetworks.com) or [snapav.com](http://snapav.com).

FIGURE 1 A650 Access Point: Top View

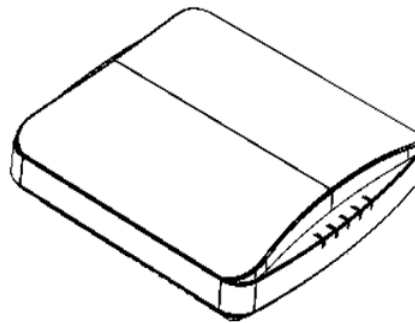


FIGURE 2 A650 AP Ports on Bottom Panel

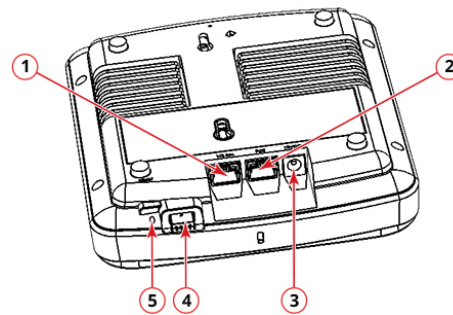


TABLE 1 A650 Power

Power Supply	Operating Characteristics	Max Power Consumption
802.3af PoE	<ul style="list-style-type: none"><li>• 2.4GHz radio: 2x2, 19dBm per chain</li><li>• 5GHz radio: 2x4, 20dBm per chain</li><li>• 2nd Ethernet port, on board IoT &amp; USB disabled</li></ul>	PoE: 12.25W
802.3at PoE+	<ul style="list-style-type: none"><li>• Full Functionality</li><li>• 2.4GHz radio: 2x2, 23 dBm per chain</li><li>• 5GHz radio: 4x4, 22 dBm per chain</li><li>• 2nd Ethernet Port, on board IoT &amp; USB Enabled (3W)</li></ul>	PoE+: 21.59W DC Power: 21.46W

TABLE 2 A650 AP Ports

No.	Label	Description
1	1G ETH	10/100/1000 Mbps port: RJ-45 Ethernet port (non-PoE)
2	2.5G ETH PoE	100/1000/2500 Mbps PoE In Port: RJ-45 Ethernet port (supports 802.3af/at PoE)
3	48 V 0.75A	48V DC input
4	USB	USB Port <ul style="list-style-type: none"><li>• Maximum Dimensions: 6 cm x 2 cm x 1.1 cm</li><li>• Interface: USB 2.0</li><li>• Connector: USB – Type-A plug</li></ul>
5	Reset Switch	Resets the AP

Mounting Instructions

Mounting on a Flat Surface

The factory-supplied mounting screws and plastic wall anchors allow you to attach the AP to a wall or other flat surface.

- 1. Use the Mounting Template on the last page of this Quick Setup Guide to mark the locations for two drill holes on the mounting surface.
- 2. Use a 4.75-mm (3/16-in.) drill bit to drill holes approximately 25 mm(1 inch) deep into the mounting surface.
- 3. Insert the factory-supplied anchors (1 in Figure 3) and mounting screws (2 in Figure 3) into the mounting surface, leaving approximately 6 mm (1/4 inch) of the screw heads protruding for the AP enclosure.
- 4. Place the AP onto the mounting screws so the screw heads enter the keyholes on the AP enclosure, and push the AP down until the AP retainer tab snaps into place.

The A650 access point has an integrated security latch that locks the AP in position.

Use included key to disable security latch to remove.

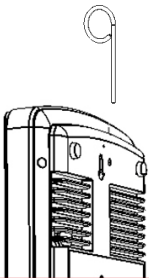
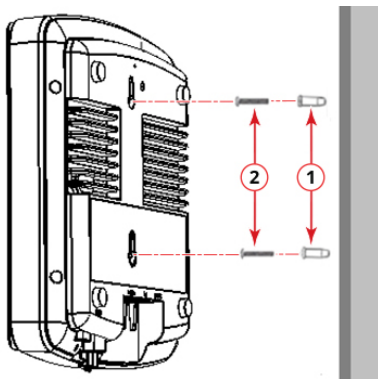


FIGURE 3 Flat Surface Mounting



1. Factory-supplied anchors  
2. Mounting screws

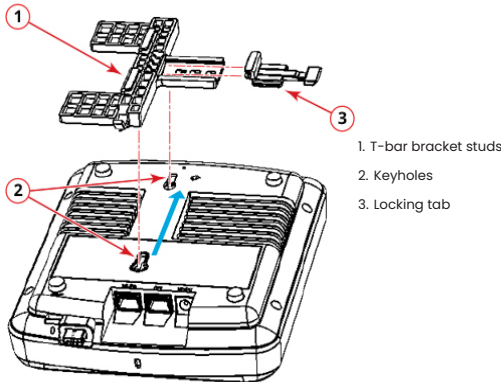
NOTE: Keyhole slots in figure 3 are designed to work with a single gang electrical box

Mounting on a Drop-Ceiling T-Bar

The factory-supplied T-bar mounting assembly kit allows you to attach the AP to recessed and flush drop-ceiling T-bars.

- 1. Position the studs on the bottom of the T-bar bracket (1 in Figure 4) in the keyholes on the AP enclosure.
- 2. Slide the T-bar bracket away from the Ethernet ports on the bottom of the AP until the AP retainer tab snaps into place, trapping the T-bar bracket studs in the keyholes (2 in Figure 4).

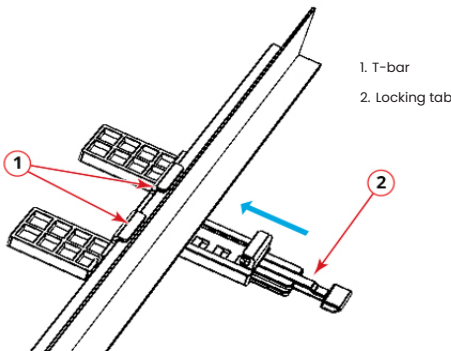
FIGURE 4 Attaching the T-bar Bracket to the AP



1. T-bar bracket studs  
2. Keyholes  
3. Locking tab

- 3. Insert the locking tab (3 in Figure 4) so it is in the first position on the T-bar bracket (1 in Figure 4).
- 4. Gently push the ceiling tiles, if present, up and out of the way.
- 5. Position the T-bar bracket so its two clasps grip one edge of the T-bar (1 in Figure 5). Make sure that both clasps are gripping the T-bar.
- 6. Hold the AP in place and gently push the locking tab (2 in Figure 5) until its clasp grips the other edge of the T-bar. Make sure that all three clasps are gripping the T-bar.

FIGURE 5 Attaching the T-bar Bracket to the T-bar



1. T-bar  
2. Locking tab

TABLE 3 A650 Optional Accessories

SKU	Description
902-1180-US00	• Multi-Gigabit PoE injector (60W) (10/100/1000/2500/5000/10000 Mbps)
902-0180-US00	• Gigabit PoE Injector (60W) (10/100/1000 Mbps)
902-1170-US00	• Power Supply (48V, 0.75A, 36W)
902-0120-0000	• Spare, Accessory Mounting Bracket
902-0195-0000	• Spare, T-bar ceiling mounting kit for mounting slush frame ceiling

Troubleshooting

CAUTION! If required, you can reset the AP to its factory default settings by pressing the reset button. Use the tip of a pen or a 3-mm flat-blade screwdriver to press the reset button. Press and hold the reset button for 4 seconds or longer to restore to factory defaults. DO NOT RESET THE AP TO FACTORY DEFAULT SETTINGS UNLESS SO INSTRUCTED.

NOTE: After a reset, you can access the internal AP web interface using <https://192.168.0.1>. Your device must use any other address from 192.168.0.2 through 192.168.0.254, with subnet mask 255.255.255.0. The username is super, and the password is sp-admin.

For More Information

For information on how to configure and manage the AP, refer to the Access Networks Partner Portal Resource Center, available at <https://my.accessnetworks.com/kb/>

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