



210 SERIES COMPACT NETWORK SWITCHES

Quick Start Guide



AN-210-SW-C-8-PoE



FCC Warning

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.

NOTE: 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 or more 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 equipment has been verified to comply with the limits for a class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.



CE Warning

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

UL Statement

All models have been evaluated by UL.

This device is intended for indoor use only. It should not be connected to an Ethernet network with outside plant routing.

The user must use the class I optical transceivers which conform to U.S. code of federal regulation, 21 CFR 1040.

This equipment is only to be connected to PoE networks without routing to outside plants.

Ensure the power cord is connected to a socket-outlet with earthing connection, or equivalent.

NOTE: Maximum PoE output power of this equipment is 65W.



Welcome to Araknis Networks™

Thank you for choosing an Araknis 210-series Compact Network Switch. This PoE-powered switch features Gigabit connectivity on all ports, updated modern aesthetics, and a level of control (Websmart) rarely seen in managed solutions. The Araknis 210-series switch is a sleek and highly capable addition to any network.

Features

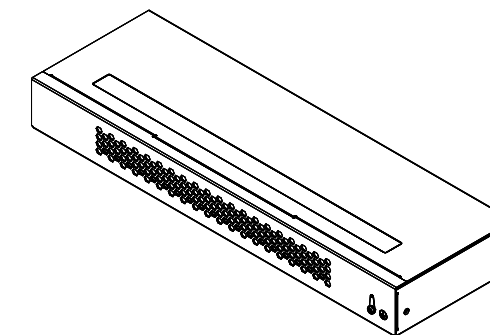
- Gigabit Ethernet
- 8 × 802.3af/at PoE-OUT Ports
- 2 × SFP Uplink 1000BASE-X Ports
- Multi-mounting can design
- Websmart switch
- OvrC enabled

Dimensions (W x H x D)

- 8 Port: 12.71" x 1.50" x 4.13"

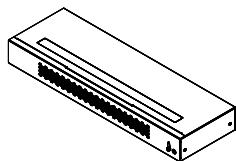
Operating Temperature

- 32-122°F (0-50°C)

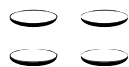




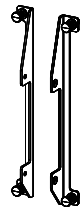
Step 1: Unbox



Switch



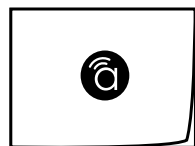
Rubber Feet (4)



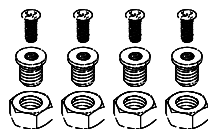
Structured Wiring
Can Mounting Kit
w/ Push Pins (2)



Spare Can Mounting
Push Pins (4)
Body: 8.5mm(D), 10.4mm(L),
6.35mm(W)
Pin: 8.5mm(D), 18.2mm(L),
3.7mm(W)



Quick Start Guide



Shelf Mount Kit:
4 sets of:
• Screw: M3 x 8mm
• Hollow Screw: M6 x 8mm
• Nut: M6 nut



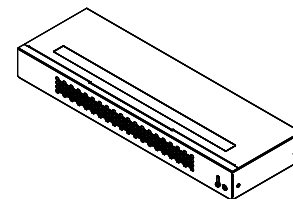
4 wall anchors with M3 x
16mm screws



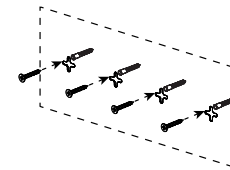
IEC Power Cable

Step 2: Install

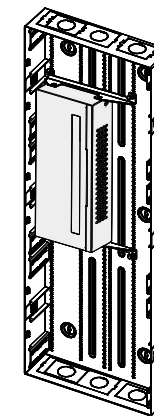
210 compact switches feature several mounting options for easy setup in any scenario. See the following pages for specific instructions.



Shelf
(use included rubber feet)



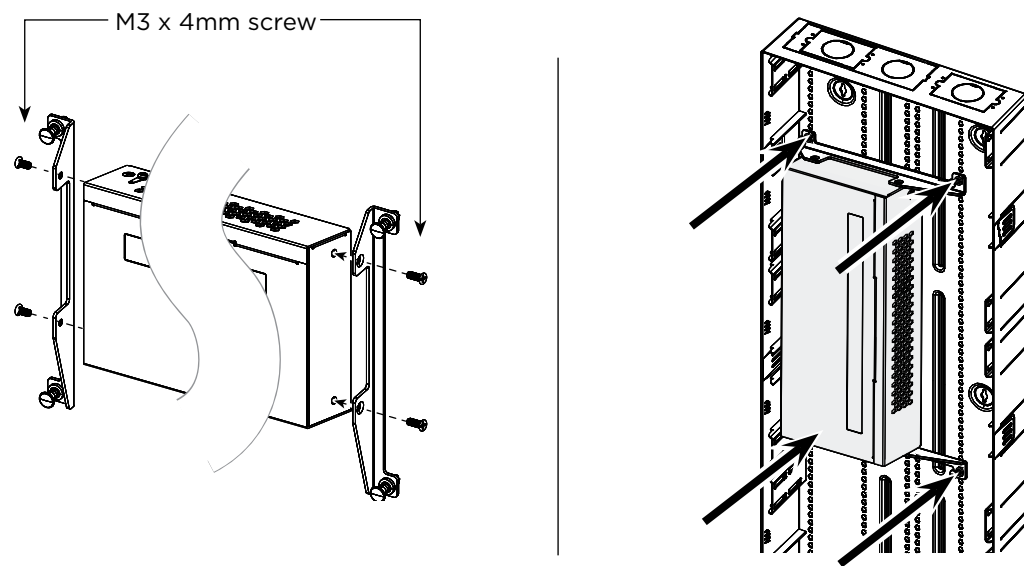
Wall



Structured Wiring Can



Structured Wiring Can Installation

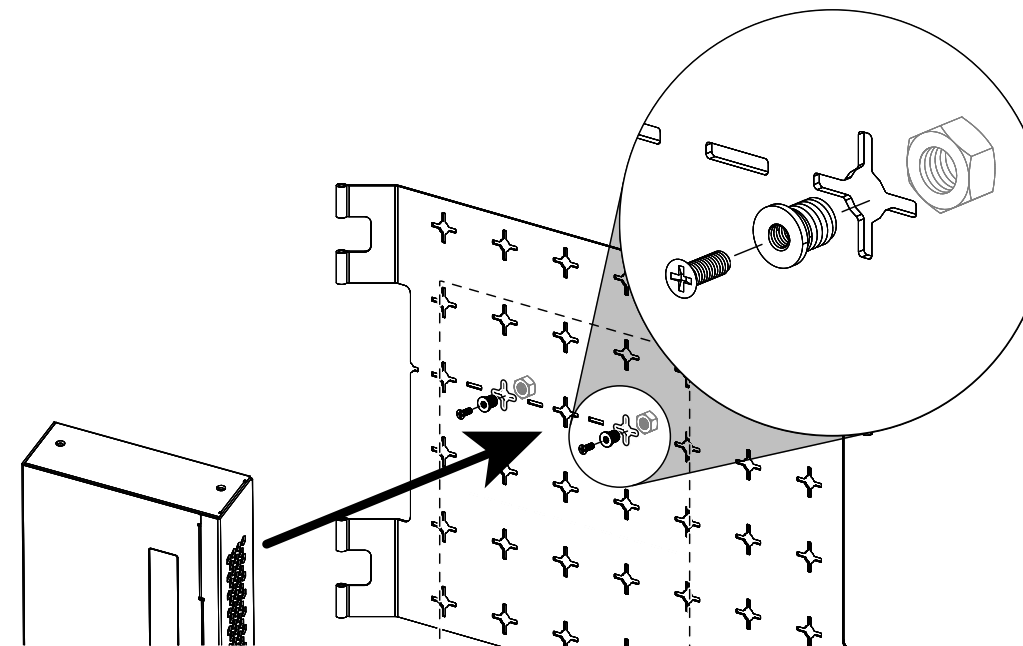


NOTE: The switch can only be mounted to the structured wiring can with the Ethernet ports facing right or left.



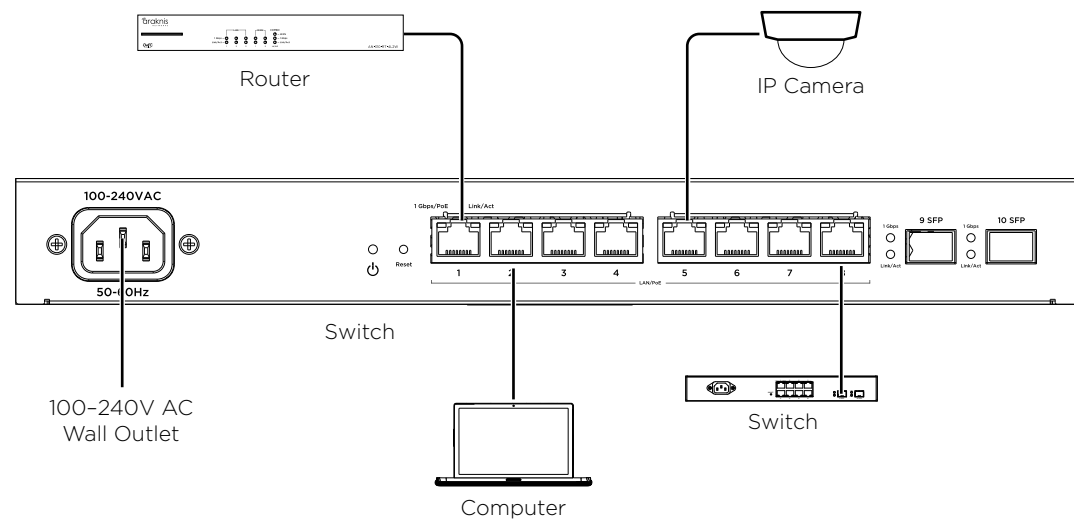
Mounting Shelf Installation

(Due to its width, this model should span two mounting shelves. We do not recommend using only one.)





Step 3: Connect

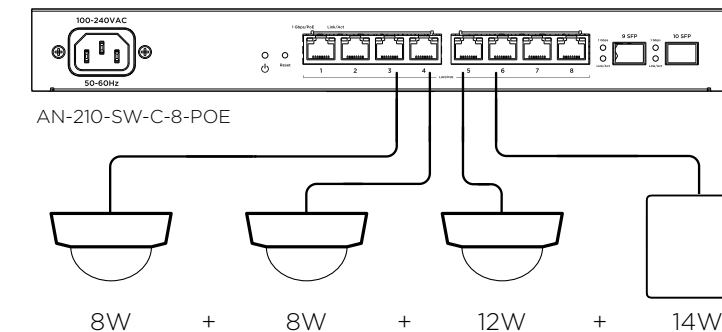


NOTE: Connect SFP ports using Arakis SFP adapters for RJ45 or multi-mode fiber cables. SFP adapters sold separately.

Step 4: PoE Budget

The power budget for delivering Power over Ethernet limits the total number of watts available between all of the ports (limited to 30W total consumption on each port). Add the total number of watts consumed by all connected PoE devices to ensure that every thing can be powered, as illustrated in the example below.

Model	PoE Budget
AN-210-SW-C-8-POE	65W



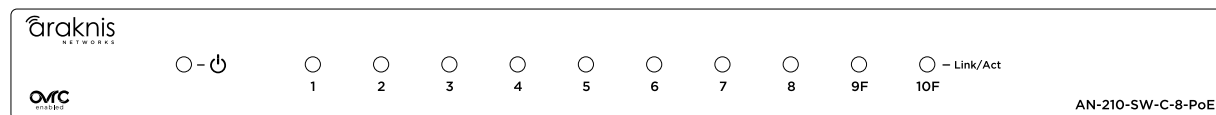
Total PoE Budget Available = 65W

Total PoE Device Consumption = 45W

PoE Budget Left Available = 20W



Step 5: Verify

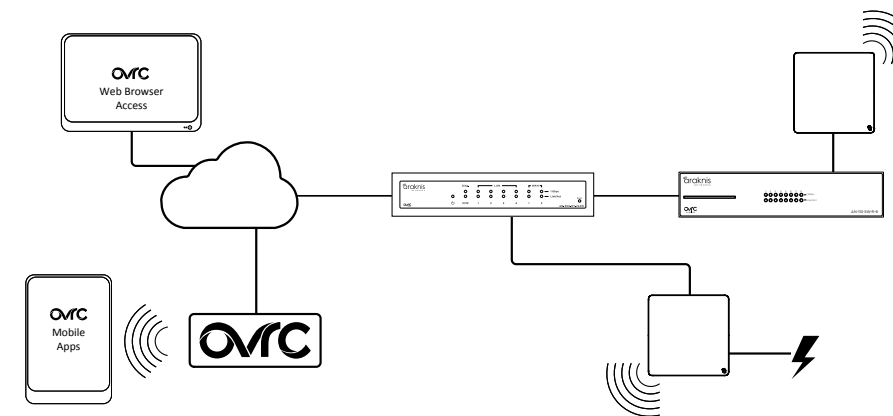


- (A) **Power LED** – On: system is up.
Off: system is down.
- (B) **1Gbps LED** – On: port connected at 1Gbps speed.
(RJ-45 LEDs only)
Off: port is connected at 10/100Mbps speed.
- (C) **Link/Act LED** – On: port is connected to another device.
Blinking: packets are running through the port.
Off: port is not connected to a device.

Step 6: Claim on OvrC

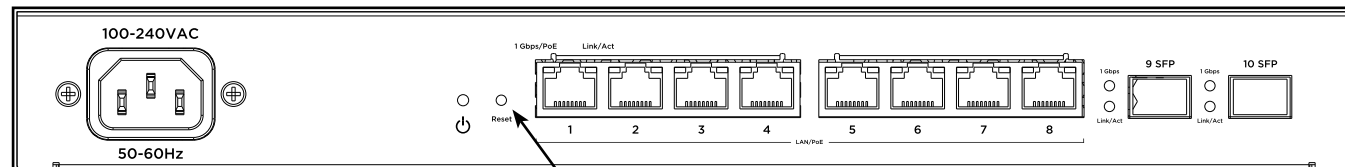
OvrC provides remote firmware upgrades, real-time notifications, and intuitive customer management, right from your computer or mobile device. Setup is plug-and-play, with no port forwarding or DDNS address required. To add this device to your OvrC account:

- (A) Connect the switch to the network (Internet access required).
- (B) Log Into OvrC (www.ovrc.com) or load the OvrC app.
- (C) Add the device (MAC address and Service Tag numbers needed for authentication).





Pro Tip: Rebooting the Switch



Reboot –

Press and hold the RESET button on the back of the switch for 5 seconds, then release. The switch will power cycle and the front status lights will flash.

Factory Reset –

Press and hold the RESET button for 15 seconds until all LEDs turn solid. The switch will reboot and be reset to factory default settings.

Warning



This product can expose you to chemicals including carbon black, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

2-Year Limited Warranty

Araknis Networks® products have a 2-Year Limited Warranty. This warranty includes parts and labor repairs on all components found to be defective in material or workmanship under normal conditions of use. This warranty shall not apply to products that have been abused, modified, or disassembled. Products to be repaired under this warranty must be returned to a designated service center with prior notification and an assigned return authorization (RA) number. Contact technical support for an RA number.

Contact Information

Ⓜ araknisnetworks.com

Ⓟ Technical Support (866) 838-5052

✉ techsupport@araknisnetworks.com

The latest version of this QSG may be found on the product page support tab.



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