Manuals+ — User Manuals Simplified.

Alpha Networks AGS2128G Smart Home Gateway Installation Guide

Contents

Alpha Networks AGS2128G Smart Home Gateway

Product Information: AGS2128G/AGS2128XG/AGS2128G-2/AGS2128XG-2

The AGS2128G/AGS2128XG/AGS2128G-2/AGS2128XG-2 is a network equipment designed for installation and maintenance of premises equipment. It provides general installation practices, site preparation, power installation, splicing to the outside plant, and basic troubleshooting guidance.

Intended Audiences: Network planning engineers, outside plant engineers, field support personnel, and craft personnel responsible for installation and maintenance of premises equipment.

Federal Communications Commission (FCC) Statement: The equipment may cause harmful interference to radio or television reception. Users are encouraged to take measures such as reorienting or relocating the

receiving antenna, increasing separation between the equipment and receiver, or consulting an expert for assistance.

Safety Notices: The document uses safety notice conventions to indicate different levels of hazards and precautions.

- **DANGER!** – Indicates the presence of a hazard that will cause severe personal injury or death if not avoided.
- **WARNING!** – Indicates the presence of a hazard that can cause severe personal injury if not avoided.
- **CAUTION!** – Indicates the presence of a hazard that can cause minor to moderate personal injury if not avoided.
- **ALERT!** – Indicates the presence of a hazard that can cause damage to equipment or software, loss of data, or service interruption if not avoided.

DANGER! Class 1 Consumer Laser Product. INVISIBLE LASER RADIATION MAY BE PRESENT. Fiber optic radiation can cause severe eye damage or blindness. Do not look into the open end of an optical fiber.

IMPORTANT SAFETY INSTRUCTIONS: When using the equipment, follow basic safety precautions to reduce the risk of fire, electric shock, and injury to persons.

Product Usage Instructions

1. Before you begin the installation process, ensure that you have read and understood the safety notices and precautions mentioned in the user manual.
2. Follow the site preparation guidelines provided in the user manual to ensure a suitable environment for installation.
3. Install the AGS2128G/AGS2128XG/AGS2128G-2/AGS2128XG-2 according to the instructions provided in Chapter 2 of the user manual.
4. After installation, perform the final set-up and testing procedures as described in Chapter 3 of the user manual.
5. Familiarize yourself with the reset behavior of the AGS2128G/AGS2128XG/AGS2128G-2/AGS2128XG-2, as explained in the user manual's Reset Behavior section.
6. Power up the AGS2128G/AGS2128XG/AGS2128G-2/AGS2128XG-2 using the recommended power source and connection method mentioned in the Powering up section of the user manual.
7. Follow the instructions in Chapter 3 to connect the AGS2128G/AGS2128XG/AGS2128G-2/AGS2128XG-2 to the internet.
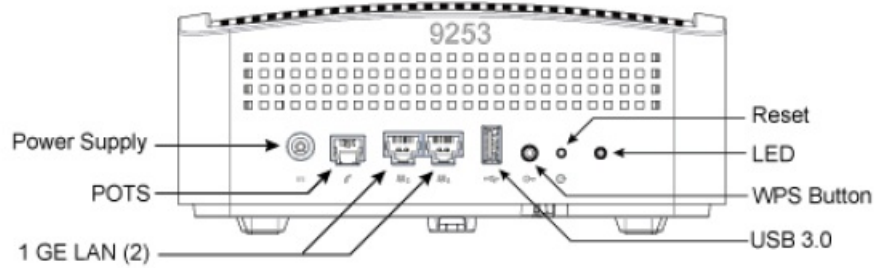8. For additional information and reference, consult Appendix A of the user manual.

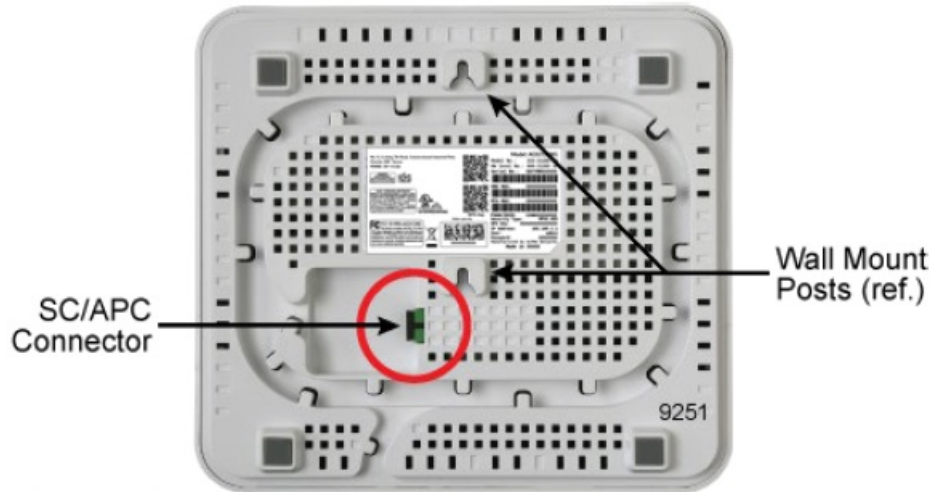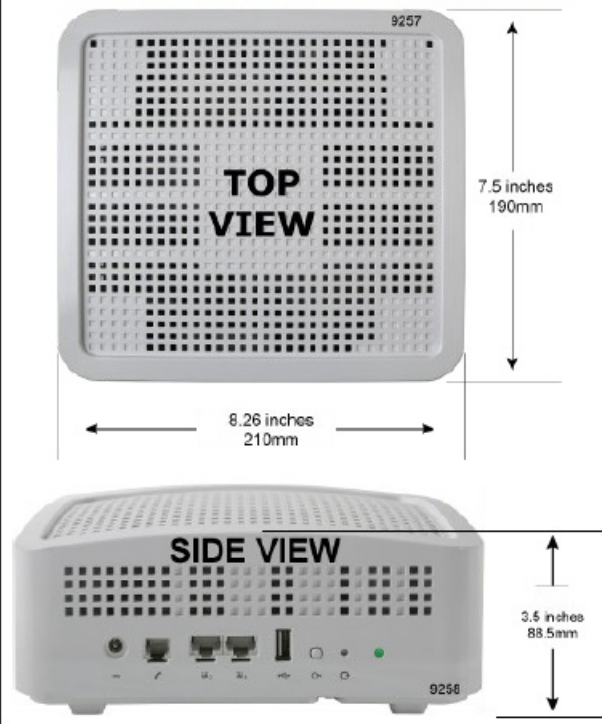**AGS2128G/AGS2128XG/AGS2128G-2/AGS2128XG-2**

Tabletop or Wall Mount

Power Supply	Reset
POTS	LED
1 GE LAN (2)	WPS Button
	USB 3.0
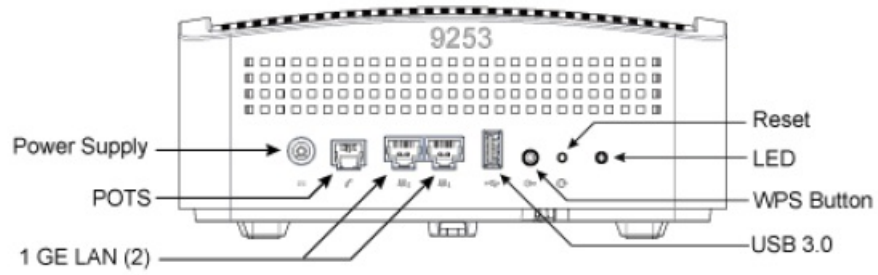
Power Supply

AGS2128G/AGS2128XG/AGS2128G-2/AGS2128XG-2

9253

Power Supply

POTS

1 GE LAN (2)

Reset

LED

WPS Button

USB 3.0

AGS2128G/AGS2128XG/AGS2128G-2/AGS2128XG-2 Fiber Interface

SC/APC
Connector

Wall Mount
Posts (ref.)

9251

AGS2128G/AGS2128XG/AGS2128G-2/AGS2128XG-2 Dimensions

9257

TOP
VIEW

7.5 inches
190mm

8.26 inches
210mm

SIDE VIEW

3.5 inches
88.5mm

9258

Fiber Raceway Routing

9259
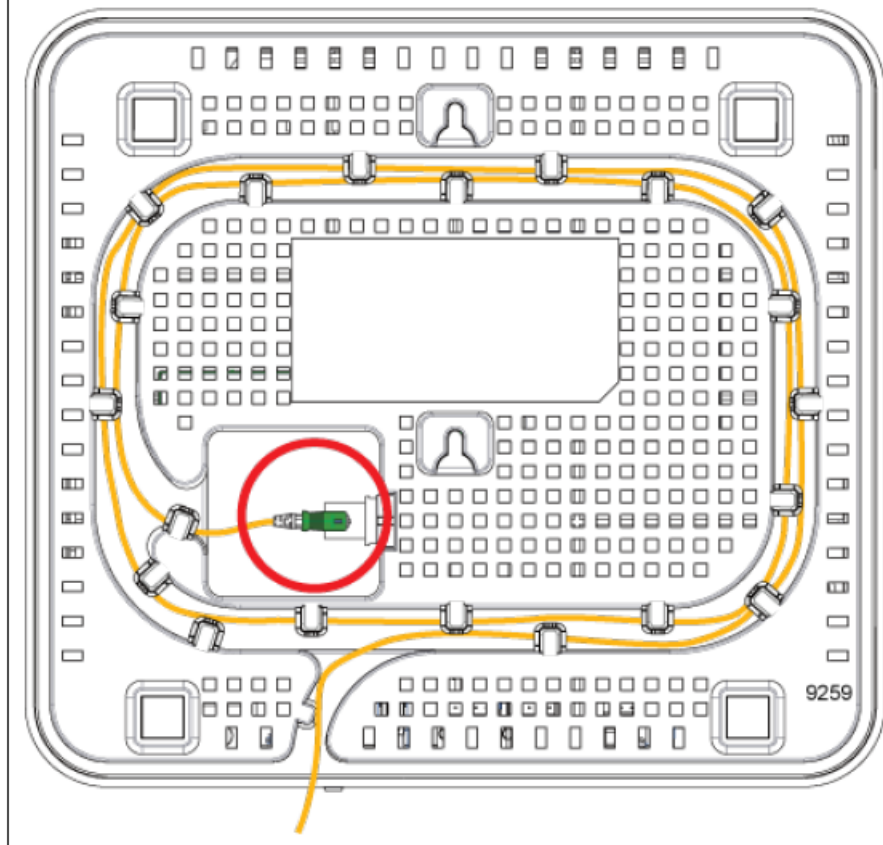
Wall Mounting Dimensions

4.125 inches
105mm

.875 inches
22mm

3.1875 inches
81mm

9260

Wall Mount Screw Specifications

7 mm
.28 in

#2
Depth

3.75 mm
.15 in

2.6 mm
.1 in

20 mm
.79 in

8317

LED Location

9262

LED
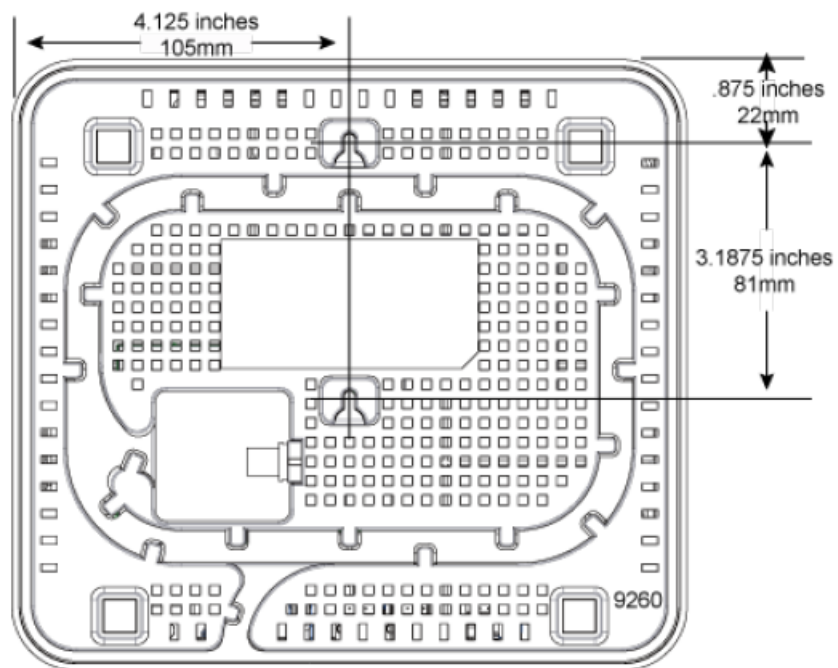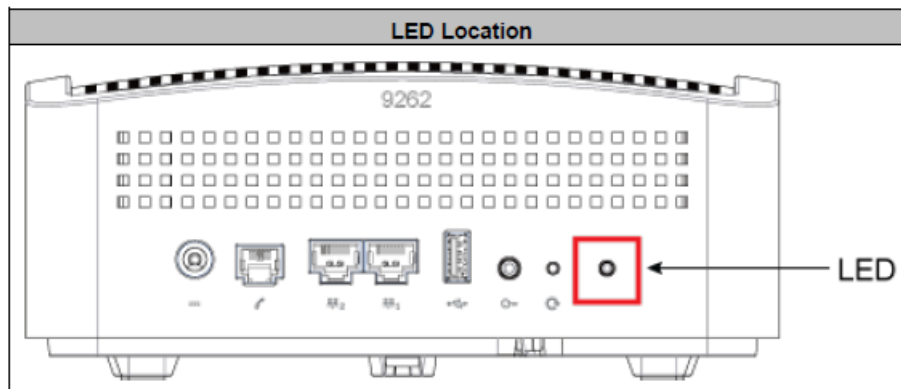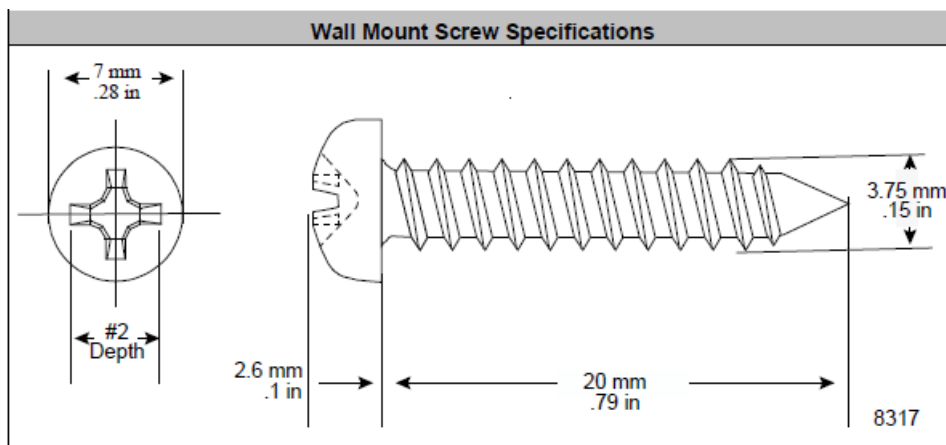
Description	Colors	Indication
OFF • Power is Off • The unit has not been turned on or • There is no power to the unit or • Any auxiliary battery has been discharged and can no longer power the unit.	Off	(gray)
Booting Up, SW Upgrade in Process • Unit is in the process of booting up or services/software is being upgraded • Flashing amber every 1 second assuming software can control the LED	Off & Amber Cycles @ 1000 msec	(gray) ◄- - -► (amber)
• **Boot-up Failure** • Unit boot-up has failed (assuming software can control the LED).	Off & Red Cycles @ 800 msec	(gray) ◄- - -► (red)
• **Connected to the Internet** • Unit has successfully booted up, local services are up, and connected to Internet	Green	(green)
• **Service Failure - No Internet** • No service, no internet access	Off & Red Cycles @ 1600 msec	(gray) ◄- - -► (red)

Wi-Fi 6™   9148

HI-SPEED
CERTIFIED USB™

Wall Mount Drilling Template

.875 inches
22mm

3.1875 inches
81mm

DRILL HERE

Note: Do not re-scale this template. Dimensions are 1:1
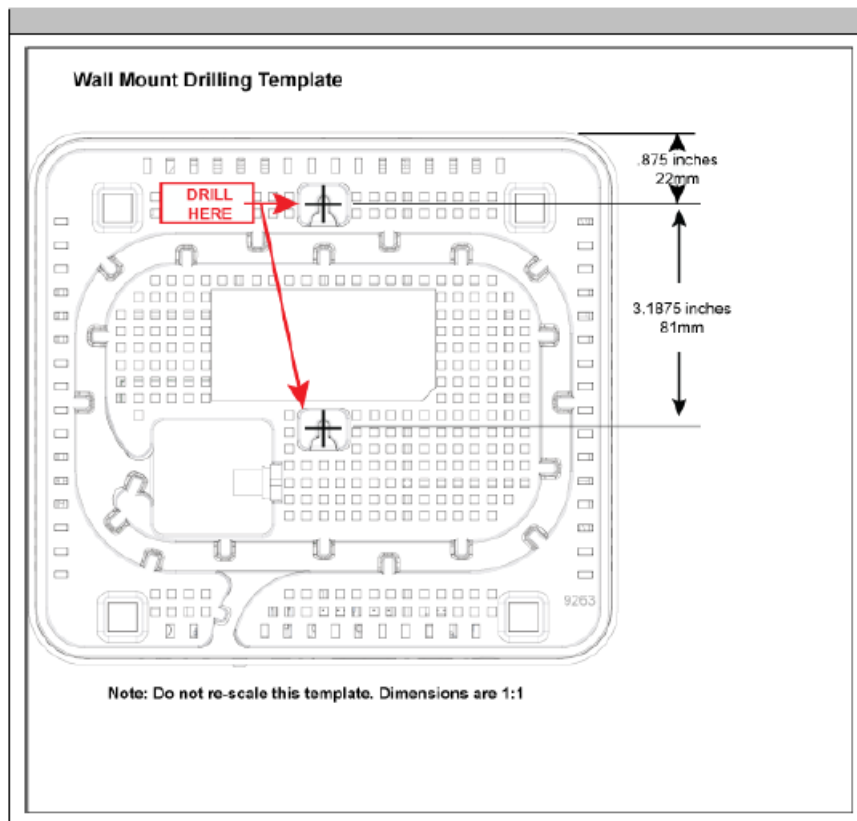
Documents / Resources

AGS2128G/AGS2128XG/ AGS2128G-2/AGS2128XG-2 Installation Guide February 2022	**Alpha Networks AGS2128G Smart Home Gateway** [pdf] Installation Guide RRK-AGS2128G, RRKAGS2128G, AGS2128G Smart Home Gateway, Smart Home Gateway, Home Gateway, Gateway

References

- **Perform a Restore Default/Factory Reset**