

Halio® Wireless Range Extender

The Halio Wireless Range Extender makes it easy to expand coverage of the Halio wireless mesh network and ensure reliable communication between devices. Once installed, it listens to messages from Halio devices and repeats and routes them to their destination.



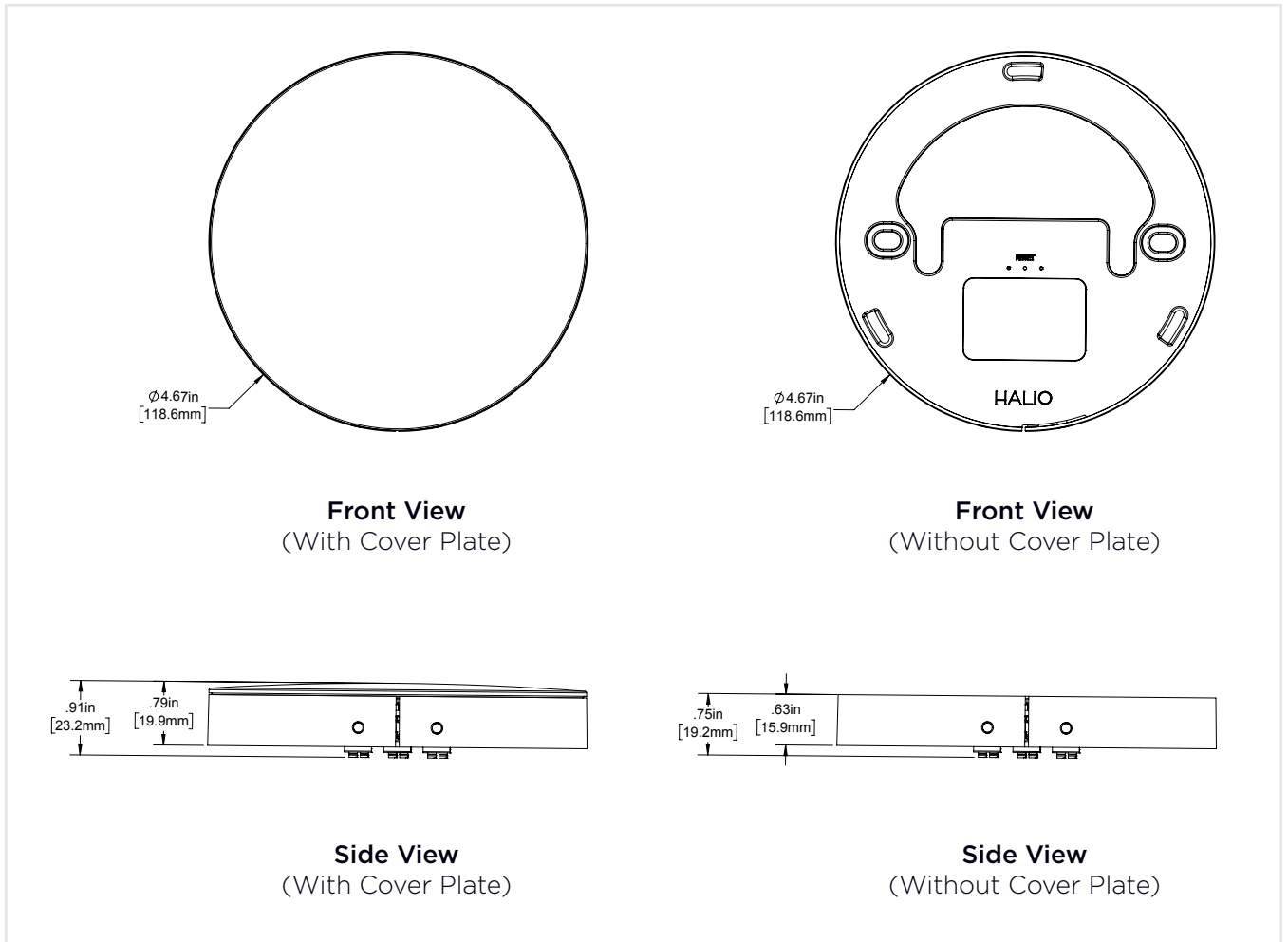
KEY FEATURES

- Extends Halio mesh network range by repeating wireless messages to as many as 80 Halio devices
- Ensures reliable wireless network communication and eliminates dead zones
- Easily mounts to ceilings wherever additional coverage is needed
- Supports flexible range of low-voltage DC input power

INSTALLATION

- Select desired location in between Halio wireless devices
- Route and connect DC power wires to push terminals on back of Range Extender and mount to ceiling with two screws
- Power up and join Range Extender to the Halio wireless mesh network and it will automatically begin repeating messages

WIRELESS RANGE EXTENDER TECHNICAL DRAWINGS



SPECIFICATIONS

Model	SR300
Power Input	<p>Input Voltage: 12VDC - 48VDC Max Operating Power: 1W Standby Power: <0.25W Power Supplies: Halio system power or standard 12VDC plug-n power supply (not included) Power Wire: 24AWG solid core Power Connections: push terminals (+, -, signal)</p>
Network Connectivity	<p>Wireless Protocol: IEEE 802.15.4 wireless mesh networking, 2.4GHz Network Communication Protocol: IPv6 TCP/IP Maximum Network Nodes per Extender: 50 Maximum Range Extender Hops: 2 Point-to-Point Range: 100' 30m typical <i>Wireless range highly dependent on building materials & RF environment</i></p>
Software	<p>Intelligently routes and repeats wireless messages between Halio devices Automatic over-the-air updates</p>
Product Dimensions	<p>Size: 4.7" Dia x 0.9" H 119mm Dia x 23mm H Weight: 0.25lb 113g</p>
Environmental	<p>Indoor Use Only Ambient Operating Temperature: 32°F to 104°F 0°C to 40°C Recommended Relative Humidity: 30% - 70% RH Storage Temperature: -4°F to 140°F -20°C to 60°C Electrostatic Discharge Protection: +20kV</p>
Certifications	ETL, CE, FCC, IC, RoHS, WEEE

What's Included

- SR300 Wireless Range Extender
- Two (2) each mounting screws and anchors

Warranty

5 years, limited

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