

Optimize phone booths, huddle rooms and focus areas.

Measure and improve your smallest spaces with Open Area Short Range.

Frequency and Bandwidth

Bandwidth

- 2.2 GHz

Center frequency

- 62.9 GHz

Operating frequency range

- 61.8-64.0 GHz

Connectivity

Ethernet

- 10/100/1000 Mbits

WiFi

- Frequency: 2.4GHz
- Security: WPA, WPA2

Time

- Network Time Protocol (NTPv4) configured via DHCP

DNS

- Density strongly recommends an internal caching forwarding DNS server
- Internal server IP address should be provided via DHCP (option 6)
- Density devices SHOULD NOT be configured to access external DNS servers directly (such as 8.8.8.8)

Proxy

- Density devices support HTTP proxies, however we do NOT support SSL inspection
- Proxies can be configured via Web Proxy Auto Discovery (wpad). DNS and DHCP wpad methods are supported

IP Address

- DHCP
- Static

Maximum offline data storage

- 24 hours

Power

Input

- IEEE802.3af 57Vdc PoE PD Compliant

Voltage

- 37Vdc - 57Vdc

Power

- PoE PSE switch or power injector that provides at least 15.4W per port

Powered

- PinsMode A and Mode B

Cable

- CAT5e or later

Environmental

Temperature

- 32° - 95°F (0° - 35°C)

Relative humidity

- 20% to 80% non-condensing

Rated for indoor installation only

Ingress Rating

- None

Physical Installation

Space Dimension Height

- **Minimum:** 6.5 feet. Minimum install height from a person's head should be 3 inches
- **Maximum:** 9 feet

Minimum space

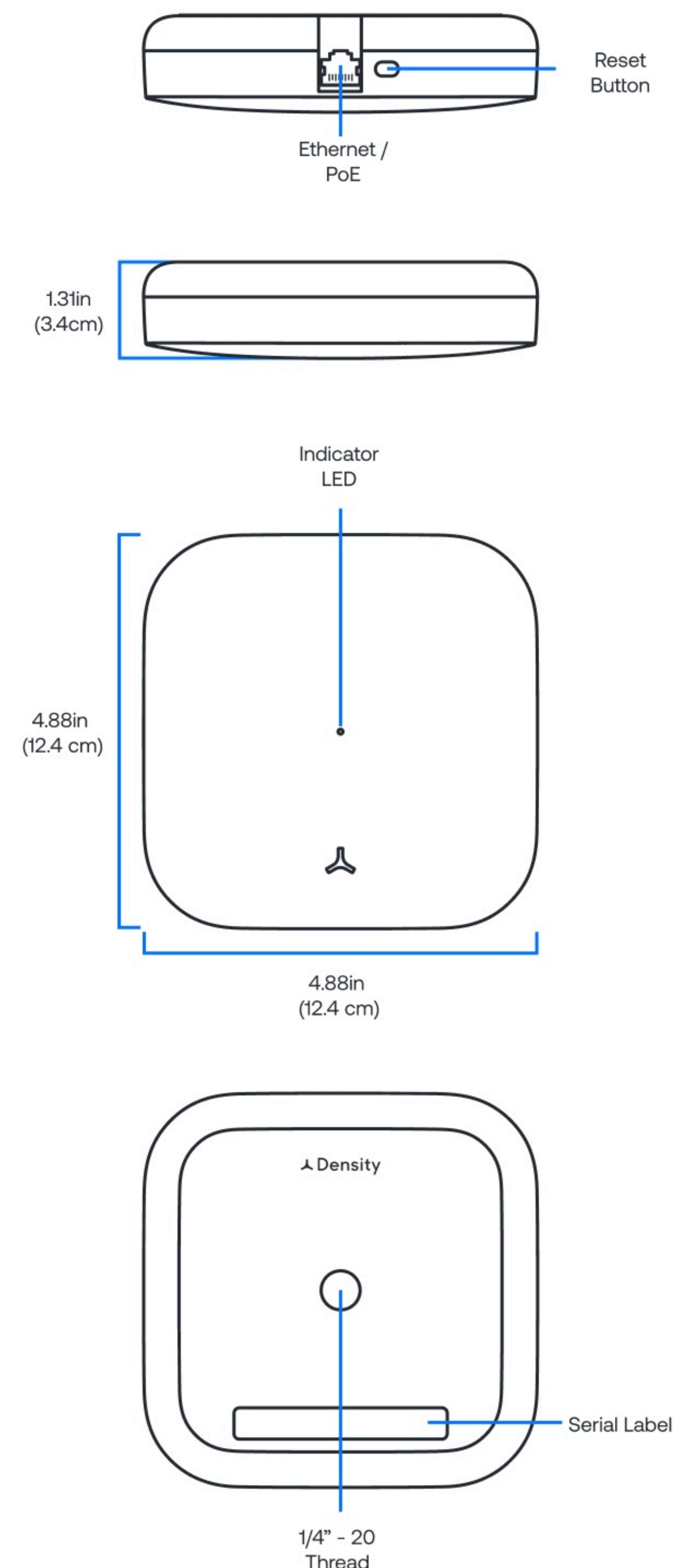
- Single-person phone booth

Maximum space dimension

- 7x7 sq ft

Mounting

- 1/4"20 threaded rod directly into the device.



Coverage Area

A single Open Area SR unit is capable of measuring the following range of space sizes

Minimum

- 3x3 ft space

Maximum

- 7x7 ft space

Open Area SR cannot cover a space with any linear dimension smaller than 3ft or larger than 7ft.

Allowed

- 3x3, 3x5, 4x7 ft

Not Allowed

- 2x5, 3x9 ft

Note: The minimum space size for Open Area Long Range (LR) is 6x6 ft. This means that any spaces smaller than OA LR can cover will be able to be covered by an OA SR unit. Spaces between 6ft and 7ft square will be able to be covered by either unit type.

Supported Environments

- Commercial Office Space

Supported Markets

- USA
- Canada
- EU

Walls and Obstructions

OA can only be installed less than 18 inches from a wall. See the image for the placement example. Occlusions such as hanging lights, exit signs, or model airplanes will block the radar signals and create dead-zones in coverage where we cannot count people.

