

Introducing Waffle. People count is finally plug and play.



Connectivity

WiFi 6 (802.11 a/b/g/n/ac/ax)

- **Frequency:** 2.4GHz and 5.0GHz
- **Security:** WPA, WPA2 (supports WPA2-PSK authentication)

Bluetooth 5.4

- BR/EDR and Bluetooth Low Energy

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

Offline Storage

- Maximum offline data storage: None

Power

Input

- USB-C
- **Input Voltage:** 5V input 3A via AC Power adaptor

Cable

- 6ft (2m) USB-C cable included in-box

Environmental

Temperature

- 32°- 95°F (0°- 35°C)

Storage Temperature

- 32°- 113°F (0°- 45°C)

Relative Humidity

- 20% to 80% non-condensing

Ingress Rating

- None

Rated for indoor installation only.

Radar

Transmit Frequency + Bandwidth

- Start Frequency: 58.75GHz
- End Frequency: 60.2GHz
- Bandwidth: 1.45 GHz
- Sampled Bandwidth: 988MHz

Frame Rate

- 4 frames/second

Physical Dimensions

- **Dimensions:** 76mm diameter, 21mm thick
- **Mass:** ~ 60grams

Installation

- Mount Waffle 36-72 inches high for counting, or 30 inches for presence detection (like under desks).
- Keep the sensor's view unobstructed and avoid repositioning after setup unless moving to a new space, as this may affect data accuracy.

