Inpixon Sensor 4000

Wireless Device Detection Sensor

Detect and Locate Wi-Fi, BLE, and Cellular Devices

The Inpixon Sensor 4000 is a powerful, award-winning radio frequency (RF) sensor that combines Wi-Fi, BLE, and cellular sensing technology to deliver comprehensive wireless device detection and positioning. Discreetly deployed into indoor spaces, Inpixon Sensor 4000 units passively detect and locate signals from Wi-Fi, BLE, and cellular devices, giving you a 360-degree view of transmitting devices throughout your premises.

High Performance Wireless Device Detection and Positioning

The Inpixon Sensor 4000 detects and locates many of the wireless devices found throughout indoor spaces to give you a clear picture of your transmitting RF environment.

Inpixon Sensor 4000 Highlights

Multi-radio RF Sensing

- Wi-Fi detection - 802.11 a/b/g/n protocols and 2.4/5 GHZ bands
- BLE detection - Bluetooth Low Energy (BLE) and Bluetooth Classic 1-3
- Cellular detection - 2G/3G/4G, GSM, CDMA, W-CDMA and LTE

Versatile Deployment Options

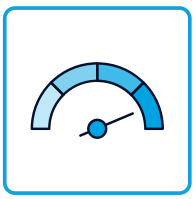
- Wired ethernet, daisy chaining, or wireless mesh communication options
- Dual power options - Power over Ethernet (PoE) or AC power
- Compact design featuring internal antennas
- Deploy on walls or above ceiling with easy to use mounting tool
- Configurable (scanning, sensitivity) depending on specific use cases

Passive & Secure

- Passive RF detection that doesn't ping individual devices or create noisy transmissions
- Deploy in multiple environments, including air-gapped, for enhanced security

Comprehensive Device Visibility

Create enhanced visibility within your facility with passive detection and digital situational awareness of Wi-Fi, BLE/Bluetooth, and cellular devices - without requiring network connectivity or an app.



Superior Performance

Deploy best in class sensors engineered with advanced hardware components and multiple RF radios for more accurate and reliable indoor locationing than single RF standard positioning or proximity solutions.

Enterprise Class, Government Grade

Enhance security across facilities, identify potential breaches in secure zones, embrace BYOD and IoT while maintaining security and control, meet government or industry compliance requirements, and power location-aware business use cases.

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Specifications	
Wi-Fi Modes Detected	802.11b/g (2.4 GHz), 802.11a (5GHz), 802.11n mixed, legacy and greenfield modes, (2.4 GHz, 5 GHz)
BLE Detection	Bluetooth Low Energy (BLE), Bluetooth Classic 1-3
North American Cellular Detection Frequencies	663-698 MHz, 699-716 MHz, 777-787 MHz, 814-849 MHz, 1850-1915 MHz, 1710-1770 MHz, 2305-2315 MHz, 2500-2570 MHz Protocols: 2G/3G, GSM, CDMA, W-CDMA, iDEN/SMR, LTE*
International Cellular Detection Protocols	Protocols: 3G, GSM, W-CDMA, LTE*
Maximum Range	Up to 50m (164 feet) Detection range is highly variable depending on various factors such as the power class, antenna configuration and path loss
LAN Type	Assigned Static IP Addresses or DHCP clients
Power Over Ethernet with Daisy Chain Ability	IEEE 802.3af PoE Compliant (End span injector compatible) for non-daisy chain configurations. Passive 48V PoE required to daisy chain up to 4 sensors together
Power Requirements	Single Sensor: 24 to 48VDC 8W Input Daisy Chained: 48VDC 120W Input to a passive PoE Switch
Operating Temperature	20° to +70°C (-4° to + 158°F)
Dimensions	200mm x 159mm x 70 mm (7.87” x 6.26” x 2.76”)
Weight	709 grams (1.56 lbs.)
Antennas	Internal
Software Compatibility	Inpixon Aware

* Coverage and frequencies vary by region

Turn Your Data Into Actionable Indoor Intelligence with Inpixon

The Inpixon Sensor 4000 helps to power indoor intelligence solutions and create visibility into your wireless environment so you can make your indoor spaces smarter, safer and more secure.