



Low profile Sensor with integrated antennas

The Buzd MiniSensor is IEEE802.11n/g/b standards-based, and operate on both 2.4 GHz b/g/n and 5 GHz a/n spectrums. Supporting the latest 802.11 technology.

The Buzd MiniSensor is a next generation mini form factor analytics sensor, perfect for discrete installations, such as on stock shelves. Supporting MIMO technology with spatial streams, this analytics sensor provides association rates of up to 150 Mbps.

The Buzd MiniSensor has been designed specifically with real-time analytics in mind. The firmware and antenna design have been optimized to provide the most highly accurate dedicated analytics sensor on the market. Designed and built by Buzd, the MiniSensor may be deployed in sensor only mode, and through a small software upgrade may be upgraded at a later date to perform as both a sensor and highly secure Wi-Fi Access Point.

Deploying the Buzd MiniSensor in sensor only mode reduces the cost of implementation and where customers have already deployed a Wi-Fi solution keeps the cost to a minimum while ensuring the best analytics sensor designed specifically for Presence Analytics.

- Delivers up to 150Mbps wireless data rate.
- Supports multiple working mode: AP, Router, Client.
- Supports 64/128-bit WEP, WPA & WPA2 security modes.
- Provides one Ethernet Port plus one PoE Ethernet Port.
- Supports Power over USB and Power over Ethernet.
- Includes a USB cable and power supply.

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Specifications

CPU	Atheros AR9330 - MIPS 24Kc V7.4 400Mhz
RAM	DDR 64MB
ROM	16M
Interface	2 100mbit/s RJ-45 (LAN/WAN) 1 x USB (power)
LED	Red and green
Wireless Button	IEEE802.11n/g/b Press to toggle wireless radio
Antenna	Inverted F PCB trace antenna or external omni antenna
Power Supply	5V/1A micro USB
Dimensions	58mm*58mm*22mm
Weight	42g (sensor only)
Power Consumption	Less than 1 watt
Temperature	Working temperature 0°C - 45°C. Storage Temperature -40°C - 70°C
<u>Software Features:</u>	
Internet Connection Type	Static IP / DHCP / PPPOE
DHCP:	Supported
Security Setup:	MAC-address filter, IP-address filter, URL filter
Bandwidth Control:	
Supported DDNS:	ydns, noip

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Quality, Capability and Cost

Too many times are we presented with three options and told to pick any two.

At Buzd we know that this is only acceptable due to the lack of real alternatives. Buzd Sensors provide all three, High Quality, Market Leading Capability and Attractive Cost. Why settle for only two decision criteria when you can have all three.

