



Smart Sensor SS11

Wi-Fi scanner/sniffer



SS11 is a Wi-Fi sniffer for viewing network information, channels, packets on Windows and Android operating systems. This USB wireless sniffer has all the features of a Wi-Fi scanner, displaying wireless network signal strength, channels, and behavior information. It is fully supported by WiFi Heatmap app and it removes the typical restrictions of smartphone internal Wi-Fi scanners, such as scan throttling. It can work in scanner mode or single channel mode, making a network signal strength assessment fast and easier.

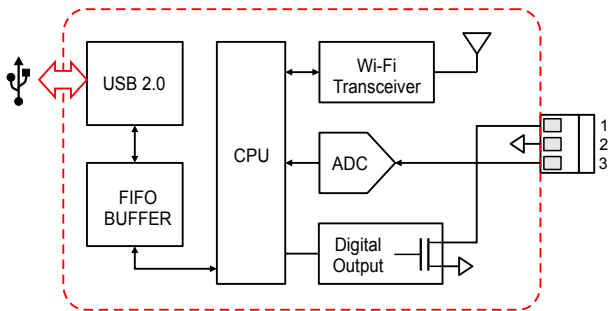


SS11 can also be used in stand-alone mode. Its terminal block has a digital output that can be configured as an alarm or a trigger output. For example, you can use SS11 to open your garage door as soon as your phone approaches it, or you can get an alarm condition if a mobile device, having an unauthorized MAC address, enters into its RF coverage area.

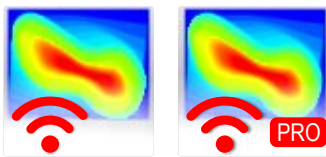
Ordering codes:

- SS11
- SS11T

Note: SS11T differs from SS11 in having a 3-pole terminal block, especially useful for stand-alone applications.



SS11 - Block Diagram



SS11 is compatible with Android apps WiFi Heatmap and WiFi Heatmap PRO, both available on Google Play Store



Technical specifications

WI-FI PROTOCOLS

802.11 b/g/n

FREQUENCY RANGE

2.4...2.5 GHz (2400...2483.5 MHz)

CHANNEL HOP INTERVAL

- 10...1500 ms (scanner mode)
- 8 (single channel mode)

I/O (SS11T)

- Digital output (open collector, 30V/0.3A max)
- Analog input (0...10V, Rin>10kohm)
- Red output LED
- Blue power-on LED

POWER SUPPLY

- Self powered by USB interface (USB host mode requested)
- Available with reversible Micro-B or Type-C USB adapter

OPERATING TEMPERATURE

0°...40°C working (RH max 85% at 25°C)
20°...60°C storage

ENCLOSURE

- Black polyamide PA6

DIMENSIONS

- 40 mm x 30 mm x 10 mm

WEIGHT

~10 g

