

A COMPACT “PLUG-AND-PLAY” TEST ENDPOINT FOR YOUR DATA CENTER

PRODUCT OVERVIEW
SONAR APPLIANCE

Sonar is a test endpoint for active tests in 7SIGNAL’s Wi-Fi Performance system. The Sonar Appliance is a pre-packaged alternative to running Sonar software in a virtual machine environment. It is a small, robust, fanless appliance that can be deployed in any equipment cabinet. The Sonar Appliance uses passive cooling and SSD disks.



The Sonar 1100 has one 1 Gb/s Ethernet port and can handle up to fifty 7signal sensors with default test profile and typical throughput requirements. The 1100 can be accessed through a serial console RS-232 connection as well as with USB keyboard and display (VGA/HDMI) ports. Sonar is powered with an external AC to DC power supply.

Deployment Considerations

Sonar’s IP address must not change. Sonar needs a static IP or unchanged IP address with DHCP allocation. In addition, Sonars are shipped with a tag containing the Ethernet Mac address, which will aid in configuring your DHCP server. Finally, please indicate your desired mounting option when ordering (see below).

Technical Specifications

Operating System	CentOS Linux
Software	7SIGNAL Sonar pre-installed
Processor	Intel Celeron J1900
Processor Speed	2 GHz
Processor Generation	Bay Trail
Processor Cores	4
Memory	2GB
Disk	32GB SSD, mSATA 3.0 Gbps
Cooling	Heatsink, fanless
Front I/O	2 USB 2.0 ports, power button
Rear I/O	2 USB 2.0 high current ports, 2 USB 3.0 ports 2 RS-232 COM ports, 1 VGA, 1 HDMI, 1 Gb LAN 2 audio jacks, 1 DC jack (8V to 19V)
Input Voltage	8 ~ 19V
Operating Temperature Range	0°C ~ 55°C
Dimensions	196 x 37 x 213 mm, 7.7 x 1.45 x 8.4 in.
Case	Fanless, aluminum and steel
Mounting (optional)	DIN-mount, VESA-mount or wall-mount
Included Accessories	Rubber mounting feet, DC jack retaining clip
Certifications and Ratings	CE, FCC, RoHS
Warranty	1 year limited warranty

WHY 7SIGNAL

- Get system-wide visibility of Wi-Fi experiences
- 24x7 Wi-Fi network benchmarking and service level compliance alerting
- Easily monitor Wi-Fi network performance in remote locations
- Performance testing is continuous and discrete, at pre-defined intervals

How It’s Different

Unlike your Wireless LAN vendor, 7SIGNAL provides visibility of the Wi-Fi experience from the end-user’s point of view. 7SIGNAL software “lives on the edge”, on client devices, where the wireless experience matters most.