



## Cellular Scanning Multi-Tool That Fits in Your Pocket

PRISM converts mobile devices into a 5G, 4G, and P25\* network survey, scanning, testing, and troubleshooting scanner and spectrum analyzer

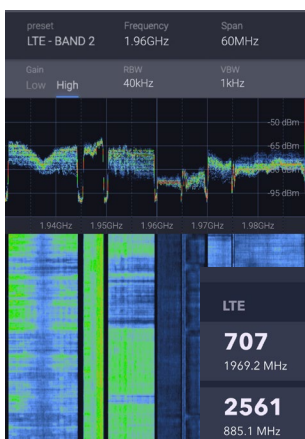
Go beyond simple smartphone apps to get a detailed view of your cellular environment. PRISM is a self-contained, lightweight scanner and spectrum analyzer that easily connects to mobile devices to provide real-time, deep insight into coverage, interference and benchmarking. PRISM brings the power of large, expensive engineering tools to cost-effective handheld devices that can easily be used in the field. With PRISM, today's RF specialists get the tool they need to be productive and agile.



PRISM, shown mounted to a tablet, weighs under 24 grams (6 oz.)

### KEY HIGHLIGHTS

- Provides view to visualize signals and interference
- Quickly verifies coverage of all networks
- Decodes all channels in multiple technologies
- Allows insight into all cells, networks, and technologies, not just the one associated with a phone
- Ideal for network survey and discovery, in-building survey and discovery, quick coverage and quality troubleshooting and measurements



### SPECTRUM ANALYZER

Simple to configure and align to communications bands of interest. Real time and waterfall display provides a full view in a single window. 70MHz to 6 GHz, 50MHz IBW, fully configurable sweep range.

### 5G / 4G / P25 PCI SCANNER

Fast results on multiple networks and PCIs  
 Full band blind scan finds all cells without having to know the EARFCN or center frequency  
 Provides real-time PCI measurements of all received cells.

\* Some limitations apply. Please contact your sales rep for details.

# PRiSM: Easy to Use

Powered from the host device: simple USB-C connects to select Android and IOS phones, tablets, and laptops for power, eliminating the need for batteries or chargers.

Web-based: works with the browser on the device – no application to install.

Works with unmodified devices: no device rooting necessary.

SDR-Driven: easily calibrated and upgraded with new capability without changing hardware.

Highly portable: weighs under 24 grams (6 ounces).

Offered with spectrum analyzer alone or with LTE, 5G NR, or P25 scanning software, or all technologies.



PRiSM mounted to smartphone

## SPECIFICATIONS

### DECODED PARAMETERS

**5G NR:** Band, Channel, SSB Subcarrier Spacing, SS-RSSI, SS-SINR, SS-RSRP, SS-RSRQ, SSB Beam Index, MIB

**LTE:** Band, Channel, RSSI, RSRP, RSRQ, Transmit Antenna Count, System Frame Number, Downlink Bandwidth, FDD or TDD, Physical Cell ID, MIB

**P25:** Band, Channel, WACN, System ID, RFSS, RSSI, BER

### FREQUENCY

**Range:** 70 MHz - 6 GHz

**Accuracy:** 1 ppm

### PHYSICAL

**Size:** 87 mm x 61 mm x 12 mm

**Weight:** 24 grams

### POWER

**Power Input:** USB-C

**Power Consumption:** 3W (Active)

### POWER MEASUREMENTS

**Accuracy:**  $\pm 2$  dB @ 25°C

## From the RF Experts at Epiq Solutions

You need tools that are reliable and work. The RF experts at Epiq Solutions have over a decade of proven experience delivering mission-critical RF tools primarily for aerospace, defense, and security applications. Coupled with an engineering culture built on pushing the boundaries of what's possible in RF design, our expertise and field-proven technology offer you an operational advantage in the products we produce.

Epiq Solutions is a small business dedicated to advancing RF technology through products designed and manufactured in the U.S.A.



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