BTS Hunter

The easy way to uncover suspicious cellular network activity

Suspicious Cell

TAC	400
NCI	1229601
PCI	20
Channel	300
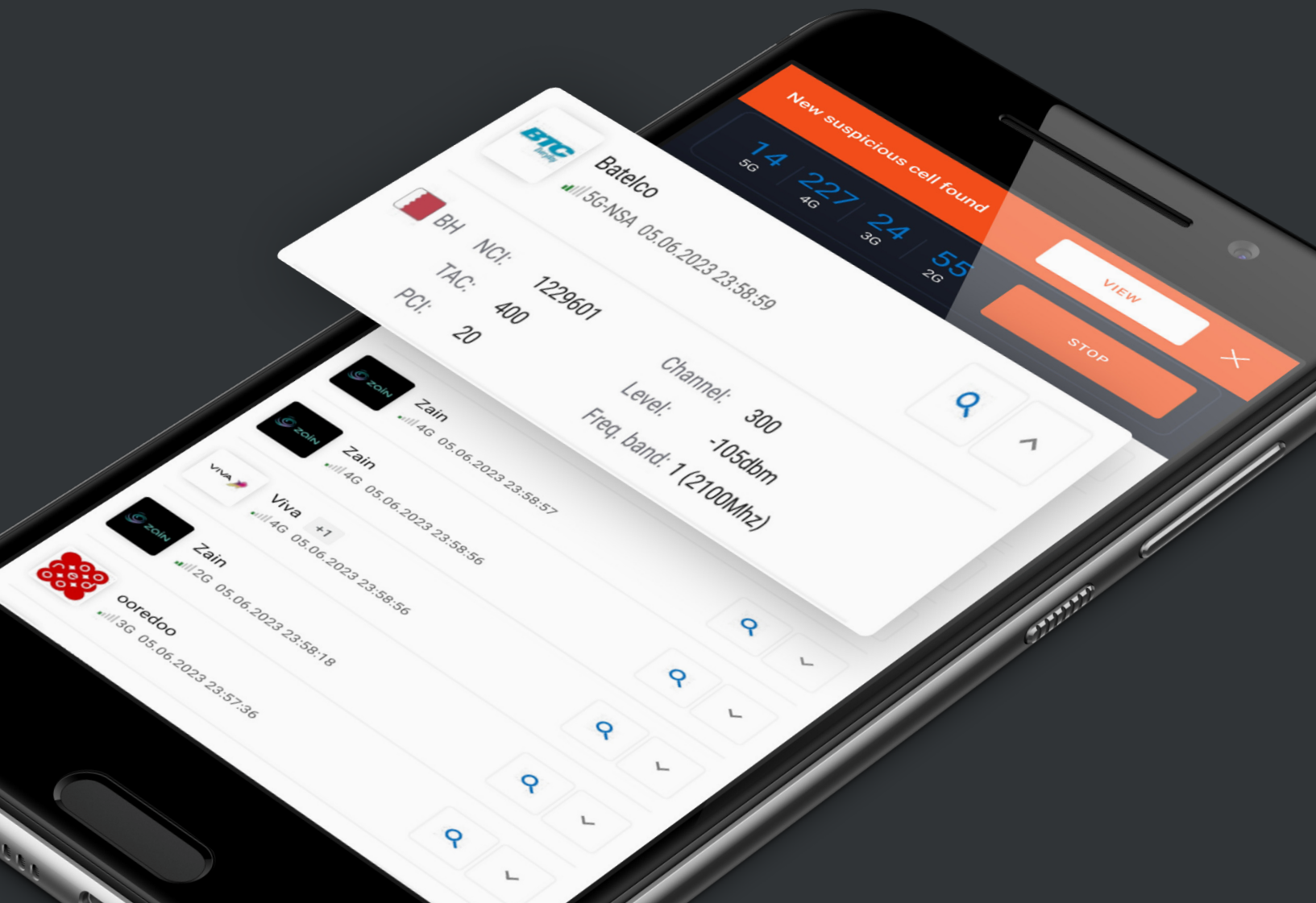
About

BTS Hunter is a portable cellular network analyzer identifying suspicious network activity. It performs real-time scanning and analysis of surrounding 2G / 3G / 4G / 5G networks to detect the presence of malicious cell-site simulators.

BTS Hunter comes with a built-in cell search capability, allowing it to identify the exact location of a malicious cell-site simulator.

Features

- Available in portable and stationary form factors: the portable device has the appearance of a regular smartphone, and the stationary version is designed as a wall-mounted box resembling a standard Wi-Fi router

- Real-time scanning and analysis of surrounding 2G / 3G / 4G / 5G cellular networks

- 5G-SA support

- An intelligent, real-time algorithm using over 100 parameters to identify malicious site simulators

- Built-in cell search capability to locate any cellular network transmitter

- A plug-in external directional finding unit for improved search experience (optional)

Prospective users

Law Enforcement

Thanks to the ability to quickly recognize any suspicious cellular network activity, BTS Hunter helps law enforcement agencies immediately identify and locate users of illegally operated malicious cell-site simulators.

Frequency control agencies

BTS Hunter provides a quick and accurate overview of all transmitting base stations in the vicinity. Frequency control agencies can identify unlicensed transmissions and locate the installation by using the built-in cell searching functionality.

Governments and organizations

The portable form factor allows BTS Hunter to protect VIPs on the go by ensuring nobody is eavesdropping on their communications. A stationary setup is also available to safeguard critical infrastructure from cellular network threats: multiple BTS Hunter boxes can be installed on the perimeter of the area and operated from the BTS Hunter web dashboard.


SCAN   DETECT   LOCATE
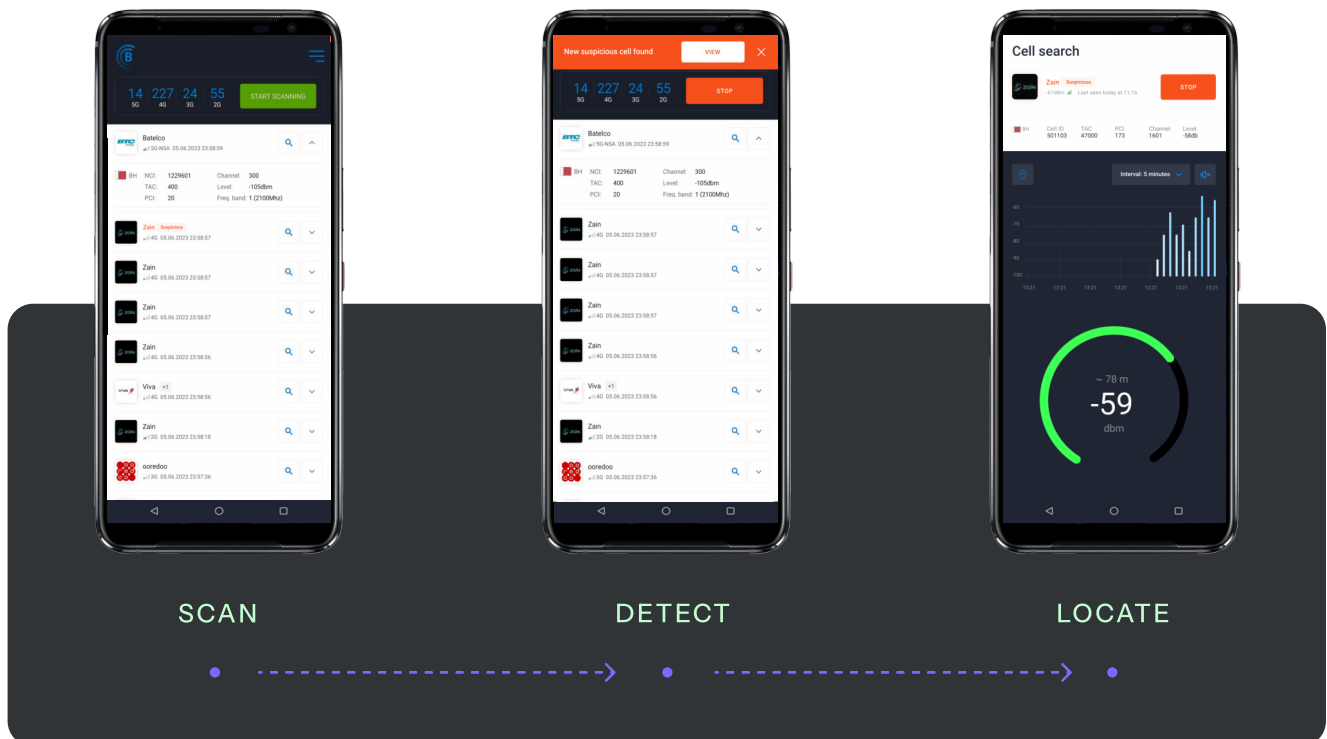
Accessories

External directional finding unit

The external directional finding unit includes an additional scanning module and a directional antenna. The antenna helps identify the direction of the signal source, therefore improving cell search effectiveness. The additional scanning unit allows BTS Hunter to perform scanning and searching at the same time.

Web Dashboard
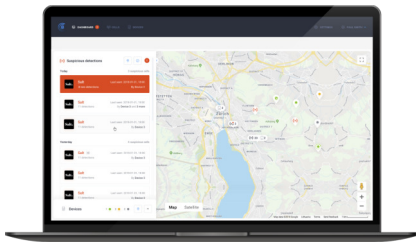
Web dashboard enables you to handle operations of multiple BTS Hunter devices in a single place. The monitoring center allows you to track and remotely control all devices at once, offers real-time email and SMS alerts about suspicious network activity, and provides an enhanced analysis of collected intelligence.

Wi-Fi intrusion detection support

By installing Wi-Fi Hunter, BTS Hunter can be upgraded to support advanced Wi-Fi analysis and threat detection. Thanks to our latest innovations, you can easily launch and run both applications simultaneously. For more information on Wi-Fi Hunter, please get in touch with our representatives.
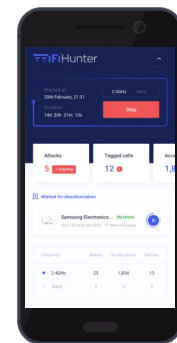
Technical specifications

Supported bands	
GSM:	850/900/1800/1900 MHz
UMTS	1, 2, 3, 4, 5, 6, 8, 19
LTE :	1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 18, 19, 20, 25, 26, 28, 29, 30, 32, 34, 38, 39, 40, 41, 42, 48, 66, 71
5G-NR:	1, 2, 3, 5, 28, 41, 66, 71, 77, 78, 79

The BTS Hunter device offers multiple band configurations, with the indicated frequency bands being a combination of these configurations. Please note that the supplied configuration may vary depending on the country.
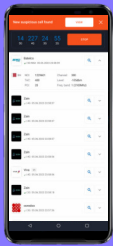
PORTABLE

Dimensions
165.1 x 77.3 x 9.6 mm

Weight
231 grams

Battery life
Up to 12 hours in scanning mode

Receiver sensitivity
-110dBm

STATIONARY

Dimensions
200.2 x 124.2 x 45mm

Weight
573 – 652 grams (depending on configuration)

Connection
LAN (for internet)
DC jack 5.5 x 2.1mm (for power)

Receiver sensitivity
-110dBm

Mobitronix