

DISCOVERY PRO

Investigative tool for downloading Wi-Fi routers and an essential asset in aiding search teams to locate connected devices via Wi-Fi and Bluetooth

 First Forensics

Techsheet 

Device

Portable, lightweight tablet with powerful, yet simple-to-use UI

Wi-Fi Search

Discovers connected devices and aids in locating devices on both 2.4GHz and 5GHz bands

Router Feature

Automatic download of all major residential Wi-Fi router variants

On-board screen recording and capture software for manual examination of bespoke Wi-Fi routers

Discovers wired and wireless devices without requiring a Wi-Fi password

Automatic creation of court-ready reports and excel formats for convenient analysis

Analytics to quickly examine the connection timeline of a device, recently disconnected devices and much more

Database search across router downloads to establish evidential patterns

Bluetooth Search

Detects Bluetooth Classic and Bluetooth Low Energy devices, including but not limited to smartphones, smartwatches and location tags (airtags)

Directional finding of devices with scalable power filter for a confined "room-by-room" search area

Bluetooth Scan

Records identifiers such as Bluetooth name, transmitted Bluetooth MAC address and device vendor

Can be deployed to record connected vehicle Bluetooth identifiers.

Access Point Emulator

Replicates a network for the purposes of confirming that a device recovered at scene will reconnect with the same private MAC address

Automatic creation of court-ready report with additional recorded parameters to ensure integrity of findings

Wi-Fi Scan

Ensures identifiers such as Wi-Fi network name, transmitted Wi-Fi (radio) MAC address and device vendor (which may not be included on a forensic download) are recorded - many routers do not store such identifiers which are used for location and attribution analysis

Can be deployed to record connected vehicle Wi-Fi identifiers used for wireless CarPlay and Android Auto

Data Recorded

Wi-Fi router configuration, settings and log information

Hostname, IP, vendor, power level and MAC address of discovered devices

On-board camera and video

Wi-Fi network name (SSID), Radio MAC (BSSID), Bluetooth device name and broadcast MAC

Updates

Software is updated automatically with a tap of button

Output Data

All data is contained within a convenient case folder including raw capture files with forensic hashes, excel files for analysis, photographs taken with the on-board camera and court-ready reports

AP Emulator generates report with hostname, power level and time of connection