TamoGraph Site Survey Technical Specifications

Supported WLAN Types

802.11a (5 GHz), 802.11b (2.4 GHz), 802.11g (2.4 GHz), 802.11n (2.4 GHz and 5 GHz), 802.11ac (5 GHz), and 802.11ax (2.4 GHz and 5 GHz).

Supported Adapters

To perform passive surveys **on Windows**, a compatible Wi-Fi adapter is required. TamoGraph supports many USB and integrated wireless adapters. For the complete, up-to-date list of supported adapters, please visit our Web site. To perform active surveys **on Windows**, you can use any modern Wi-Fi adapter.

To perform passive or active surveys **on macOS**, TamoGraph uses the adapter integrated into your MacBook.

Spectrum Analysis (optional)

Live spectrum analysis can be performed by interfacing with Wi-Spy, a USB spectrum analyzer by MetaGeek.

System Requirements

- Intel Core 2 or higher
- 4 GB of RAM
- 60 MB of free disk space

Supported Report Formats

- PDF
- HTML
- ODT (Microsoft Word)
- KMZ (Google Earth™)

Operating Systems

TamoGraph runs on 32-bit and 64-bit operating systems:

- Windows 7, 8, 8.1, 10
- Windows Server 2008 R2, 2012
- macOS Sierra (10.12), High Sierra (10.13), Mojave (10.14), or Catalina (10.15).

Wi-Fi Data Visualizations

Passive and Predictive Surveys:

- Signal Level
- Signal-to-Noise Ratio
- Signal-to-Interference Ratio
- AP Coverage Areas
- Number of APs
- Expected PHY Rate
- Frame Format
- Channel Bandwidth
- Channel Map
- Requirements

Active Surveys:

- Actual PHY Rate
- TCP Upstream Rate
- TCP Downstream Rate
- UDP Upstream Rate
- UDP Downstream Rate
- UDP Upstream Loss
- UDP Downstream Loss
- Round-trip Time
- Associated AP
- Requirements