

## Intellgraphics Bloodhound 802.11 a/b/g/n Wi-Fi Packet Sniffer/Injector

A mobile Wi-Fi Software Suite that utilizes the TI WiLink 6.0, WiLink 7.0 and WiLink 8.0 series mobile Wi-Fi chipsets (TI WL127x / WL128x/WL18xx) to create a truly portable Mobile Hardware Sniffer/Injector .

Bloodhound is the “Swiss Army Knife” toolkit for every Wi-Fi development, maintenance or surveillance team.

### Features & Benefits

- ◆ A Single Wi-Fi Driver that acts as either a sniffer/injector or as a stand-alone driver
- ◆ Clear API interface to configure and control the Sniffer/Injector operations
- ◆ Support for Infrastructure specific metadata on per-packet basis
- ◆ Support for packet filters at hardware/software layers
- ◆ Support for all 802.11 Wi-Fi Type and Sub-type packet filters
- ◆ Records captured packets with standard RadioTap header support (in .pcap format)
- ◆ API support to accept or reject error frames during capture
- ◆ Agile design architecture for additional buffering support
- ◆ Decodes 802.11 frames with user input for encryption type, keys and session variables
- ◆ Full-featured 802.11 Wi-Fi packet Injection support
- ◆ BT coexistence
- ◆ Zero-backoff Injector feature
- ◆ Off the Shelf solutions available
- ◆ Combo designs for different requirements

Intellgraphics custom software can be found in security solutions used by law enforcement and the government, ruggedized equipment for our troops, secure controls used by industry, medical imaging and metering devices, cockpit display instrumentation, and GPS based navigation systems.



## IGX Driver Cores for TI WiLink 8

Intellgraphics Driver Cores for the TI WiLink 8 brings advanced connectivity to secure mobile enterprise devices by supporting advanced features on multiple processors and operating systems.

### Platforms Supported

- ◆ TI OMAP 4
- ◆ Freescale iMX6
- ◆ TI Sitara AM335x <HARI CHECK THIS>

### Advanced Features

- ◆ Fast Roaming that works with any AP
- ◆ CCX
- ◆ Advanced diagnostics
- ◆ Extended security
- ◆ Stonestreet One Bluetooth/BLE profiles

### Supported OSes

- ◆ WinCE 5, WinCE 6
- ◆ WEC7, WEC2013
- ◆ Android
- ◆ Linux

The TI WiLink 8 module family enables manufacturers to easily add fully integrated 2.4- and 5-GHz versions of Wi-Fi and dual-mode Bluetooth 4.0 (BLE) solutions to embedded applications. WiLink 8 modules are perfect for power-optimized designs for home and building automation, smart energy, gateways, wireless audio, enterprise, wearables and many more industrial and Internet of Things (IoT) applications.

### Compatible Modules

**muRata**

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### WT Type Module LBEP5CLWTC-631

Size-Optimized Wi-Fi + Bluetooth  
2.4GHz  
AP & STA dual mode  
TI WiLink8 WL1831  
Reference Clock  
RF Switch  
Filter  
No Processor

### WM Type Module LBEP5CLWMC-633

Size-Optimized Wi-Fi + Bluetooth  
2.4GHz & 5GHz  
AP & STA dual mode  
TI WiLink8 WL1833  
Reference clock  
RF switches  
Diplexer to feed common RF  
No Processor

### CONTACT INFORMATION



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