

DATA HUNTER



“Mini-G” - O.E.M. Wireless LAN 802.11gb Module

Fast Performance to 3.0 Mbps Data Rate

Low Cost - \$59(1) \$49(1K) \$39(large quantity)

Data Hunter Direct Pricing

IEEE 802.11gb Wireless LAN Module for Embedding

Complete 2.4GHz WLAN device (not just the WLAN module)

Features fast data transfer rates, small size and very low cost

Powerful: Ten simultaneous Sockets

Wireless socket for Mini-G Interface UART

Low Cost: Very Low Cost with high performance.

Fast: Instantaneous Data Rate to 3.0 Mbps.

Sustained Usable *Averaged* Data Rates to 1.5 Mbps.

Small: Only 31.5 x 41mm, 1.24 x 1.61 inches

30% the size of a credit card.

Low Power Consumption: Low as 8 mA. in Power Save Mode

Transmit Mode: 250 mA @ +15dB output

Receive Mode: 190 mA (typical)

Operating Voltage Mini-G: +3.3VDC +/- 0.3VDC

Operating Voltage Daughter card option: +3.3VDC to +5.5VDC

Secure Encryption: WPA-PSK, WPA-TKIP, WEP-128, WEP-64, SSL3/TLS1, HTTPS, FTPS, RSA, AES-128/256, 3DES, RC-4, SHA-1, MD-5; Hardware Encryption Accelerator for AES, 3DES, SHA to speed Encryption/Decryption

Complete WLAN Stack is built in: No Wireless Network Stack drivers or difficult code development for you to worry about. (Optional TCP/IP pass-through.)

Internet Protocols: TCP, IP, UDP, ARP, ICMP, DHCP, DNS, NTP, SMTP, POP3, MIME, HTTP, FTP and TELNET

Control Commands: AT+ Enhanced Command Set to easily command Mini-G module

Antenna Connection Options:

U.FL connector with Built-On low cost MicroWhip™

U.FL connector, RF cable w/ RP-SMA Bulkhead Connector

Built-in RP-SMA Bulkhead Connector

UART Signals: Logic Level TXD,RXD,-RTS,-CTS,-DSR,-DTR

RS232 Signals (Daughter Option): TXD, RXD, -RTS, -CTS

Signal Connector options: 1,27mm pitch 2x15 low-profile

Operating Temperature: -40C to +85C, -40F to +185F

Frequency Band: 2.412 to 2.472 GHz “WiFi” ISM band

Channels: 1-11 USA, 1-13 Europe

RF Output: +15dB (this is about the same as most Access Points)

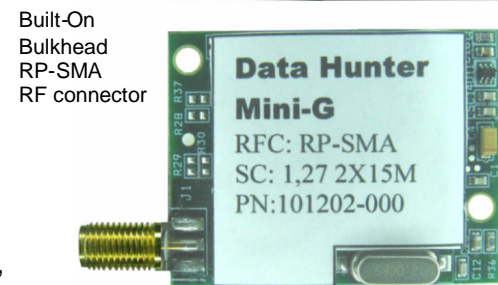
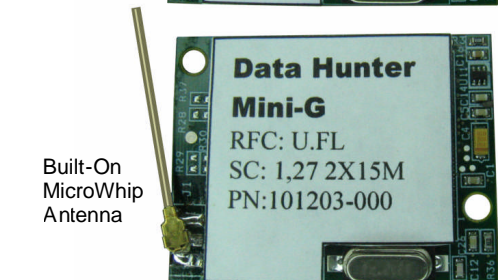
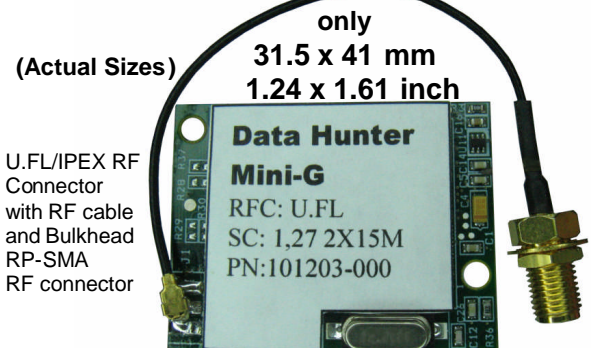
FCC Certified for Immediate Deployment: Mini-G RF circuitry is 802.11gb Modular Certified by U.S.A. FCC. Modular Certification allows you to use the FCC Modular License Grant, speeding time-to-market, minimizing development and testing costs.

Order and Details at <http://www.datahunter.com/minig.html>

O.E.M. WLAN Module

“Mini-G”™

IEEE 802.11gb



Developer Kit: Get Started Fast! Special “New Adopter”

Developer Kit Price: \$249

Includes Free Mini-G Wireless Module in your choice of Antenna configuration and Signal Connector configuration.

Only the Developer Kit gets you free Engineering support via email, telephone and Skype.



DATA HUNTER



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Specifications subject to changed without notice. Document DS 100xxx-000 Product Brief.