

Industrial Broadband Wireless Ethernet



Specifications

Frequency Band (varies by country):

2,412 GHz to 2,462 GHz (FCC)
 2,412 GHz to 2,472 GHz (ETSI)
 5,150 GHz to 5,250 GHz (FCC/ETSI)
 5,725 GHz to 5,850 GHz (FCC)

Wireless Standards:

802.11a, 802.11b, 802.11g and 802.11i

Transmit Power; Programmable (varies by country):

2,4 GHz: up to 100 mW (20 dBm)
 5 GHz: up to 64 mW (18 dBm)

Channel Data Rates (modulation):

802.11b, 11, 5.5, 2, 1 Mbps (DSSS, BPSK, QPSK, CCK)
 802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps (OFDM)
 802.11a: 54, 48, 36, 24, 18, 9, 6 Mbps (OFDM)

Receiver Sensitivity (Typical):

-90 dBm at 1 Mbps
 -85 dBm at 11 Mbps
 -82 dBm at 24 Mbps
 -75 dBm at 54 Mbps

Channels Selection (varies by country):

1 to 13 (802.11a)

Security:

WPA2 - 802.11i with 128 bit AES-CCM legacy
 WPA TKIP, WEP support MAC ID filter, admin password

Standard Features

- Serial and Ethernet connectivity
- Configures as 802.11 a/b/g access point, wireless bridge, wireless repeater and client
- Secure WPA2/128 bit encryption
- Dual band 2,4 GHz or 5 GHz bands
- Robust design for extreme temperatures (-40°C to 75°C) high vibration/shock and hazardous locations (UL Class 1, Division 2 / ATEX Zone 2)*

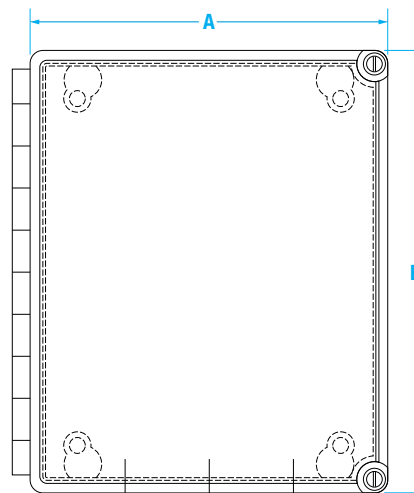
Part Number/Price

Part #	Description	Price
166630	Industrial hot spot, 802.11abg*	Consult
161954	Industrial hot spot in FRP enclosure*	Consult
161955	Paired radios for serial data tunneling*	Consult

*Special ordered power supplies and antennas required

Dimensions FRP Enclosure

A	216 mm	B	267 mm
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161954 Industrial Hot Spot