

WL-3402

Outdoor – 802.11b/g – Class I Division 2 Radio



Industrial Video and Control

The WL-3402 is a low-cost industrial radio transceiver that conforms to IEEE standards 802.11b/g. The radio can be configured to operate as an access point, bridge or subscriber unit for use in a wireless Ethernet network.

The radio is housed in a rugged aluminum enclosure and is certified Class I Division 2. It is well suited for creating a wireless Ethernet infrastructure to support video networks in areas where combustible gases and vapors may exist. The radio has a transmit power of 400 mw. Its data rate of 54Mbps makes it well suited for video applications. The unit can be configured as a Bridge, Router, Access Point, or subscriber unit.



Specifications

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|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------|
| Frequency | 2.412 - 2.462GHz | Antenna Connector | 2 x Female SMA |
| Receiver Sensitivity | 52, 56, 60, 64, 149, 53, 157,161 | Certifications | FCC, UL Class 1 Div 2 Groups A-D (pending) WiFi compliant |
| Transmit Power | 1-24Mb/s: 400mW (+26 dBm) 54Mb/s: 400mW (+21 dBm) | Weight | 1 lbs |
| LOS Range | 3 miles @ 400mW | Dimensions | 4.5" x 5.5" x 1.2" |
| Ethernet Standard | 10/100BaseT Ethernet (RJ-45) 802.11 b/g | Voltage Req. | 9 - 30 VDC |
| Connectors | Power: screw-type terminals 1 input/ 1 output RS-232 port: DB-9 female RS-485 port:screw-type terminals Ethernet port: RJ45 | Power Cons. | Full TX (400mW) 12V - 470mA Full TX (400mW) 24V - 250mA. |
| Security | 802.11i with AES 802.1x | Oper. Temp Mount | -40° to 60° C DIN rail mounting standard |