

WL-3402

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



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 NEMA4 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 maximum transmit power of 400 mW. Its data rate of 108Mbps makes it well suited for video applications. The unit can be configured as a Bridge, Router, Access Point, or subscriber unit.



Specifications

Frequency	2.414-2.472GHz
Receiver Sensitivity	97dBm @ 1Mbps 74dBm @ 108Mbps (8% FER)
Transmit Power	1-24Mb/s: 400mW (+26dBm) 108Mb/s: 125mW (+21 dBm)
LOS Range	6 miles @ 4W
Ethernet Standard	10/100BaseT Ethernet (RJ-45) IEEE 802.3
Connectors	Power: screw-type terminals 1 input/ 1 output RS-232 port: DB-9 female RS-485 port:screw-type terminals Ethernet port: RJ45
Security	802.11i with AES; 802.1x
Antenna Connector	2 x Female SMA

Certifications	EMC: EN 301 489 - 17; FCC Part 15 Radio: EN 300 328 ; FCC Part 15.247, RSS 210 CSA: Class I, Division 2 Safety: EN 60950 (RoHS compliant)
Weight	6.1 lbs
Dimensions	10" x 8" x 4"
Voltage Req.	110 VDC
Power Cons.	Full TX (630mW) 12V - 470mA Full TX (630mW) 24V - 250mA.
Oper. Temp	-40° to 60° C
Mount	Wall mounting standard