

WL-3402-03

Outdoor – 802.11a – Class I Division 2 Radio



The WL-3402-03 is a low-cost industrial radio transceiver that conforms to IEEE standards 802.11. 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 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	5.18-5.825 GHz	Connector	
Receiver Sensitivity	94dBm @ 6Mbps 74dBm @ 108Mbps (8% FER)	Certifications	
Transmit Power	6-24Mb/s: 400mW (+26dBm) 108Mb/s: 125mW (+21 dBm)	EMC: EN 301 489 - 17; FCC Part 15	
LOS Range	3 miles @ 1W	Radio: EN 300 328 ; FCC Part 15.247, RSS 210	
Ethernet	10/100BaseT Ethernet (RJ-45)	CSA: Class I, Division 2	
Standard	IEEE 802.3	Safety: EN 60950 (RoHS compliant)	
Connectors	Power: screw-type terminals 1 input/ 1 output RS-232 port: DB-9 female RS-485 port: screw-type terminals Ethernet port: RJ45	Weight	6.1 lbs
Security	802.11i with AES 802.1x	Dimensions	10" x 8" x 4"
Antenna	2 x Female SMA	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