

LP-348, Multifunctional Radio with WDS in the 2.4 GHz ISM band and the IEEE 802.11 b/g standard, for enterprise level.

LP348_SS_ENB01W

Features

■ Ample Coverage Area.

High Power Output as per the IEEE 802.11g/b standard up to 1 Watt and a low noise figure that extends the transmission distance.

■ Impressive long distance data rates.

The unique OFDM technology breaks the distance limit of the 802.11g/b. LanPro successfully extends the signal from 2 to 12 miles (3 to 20 Km) with the 1 Watt model and an impressive 54Mbps data rate (Max).

■ Manageability.

Through the LanPro utility called Aurora, based on the Web, the LP-348 is fully local and remote manageable. The embedded SNMP support lets the ISP and Enterprise users an easy expansion of the network.

■ Flexibility.

This radio can play several roles in the wireless infrastructure due to the external antenna capability.

■ Reliability.

The LP-348 has a World-Class reliability figure.

■ Security.

The LP-348 has WEP 64/128/152 bits authentication, 802.1x (EAP), MAC Access Control, disable broadcast the SSID, client isolation, WPA-PSK and WPA encryption. These functions make the network a more secure place.

■ IP Rating

Rated to IP-68 for operation in harsh environments.

■ Warranty

One (1) year against manufacturing defects.



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By means of the OFDM advanced technology and an efficient power amplifier, the LP-348 has high power output of 1W with a surprising efficiency even in long range transmission paths. Operates on the 2.4 GHz band with more than 14 non-overlapping channels. This outdoors 802.11g/b radio is the ideal solution for Enterprise/Campus/Hot Spots wideband wireless access of the next generation. An external antenna suited to the application will complete the setup.

The LP-348 has a powerful security management technology that supports (EAP) WEP 64/128/152 bits authentication, 802.1x (EAP), MAC Access Control, disable broadcast the SSID, client isolation, WPA-PSK and WPA encryption. These functions make the network a more secure place.

The Wireless Access Environment, (WDS) system results in a more cost-effective and simple deployment. A savings of up to 30 to 50% of the actual costs without this function to Telecomm, ISP and Enterprise operations.

A Specifications

Radio	Standard IEEE 802.11g/b
	Frequency Band ISM 2.4 GHz
	Operating Channels FCC (USA) 2.412GHz-2.462GHz (CH1-CH11) ETSI(EUR) 2.412GHz-2.472GHz (CH1-CH13) MKK(JAP) 11b: 2.412GHz-2.484GHz (CH1-CH11) 11g: 2.412GHz-2.472GHz (CH1-CH13) China: 2.412GHz-2.462GHz (CH1-CH11)
	Output Power: 1W
	Modulation: OFDM / DSSS
	Range: Hasta 20 Km, (2 -12 Millas) (** depende de la localidad y antenas utilizadas **)
Interfaces	RF Antenna connection type: N female
	Ethernet IEEE 802.3 (10 Base-T) / IEEE 802.3u (100 Base-Tx)
	IEEE802.1d (protocolo "spanning tree")
Management	Management and adjustment: AP/WDS/Smart WDS
	Operating Mode: AP / WDS / Smart WDS
	SNMP agents MIB2
	Protocols: TCP/IP, IPX/SPX, NetBEUI
	Operating Systems: Windows: 98 / 2000 / NT / XP
	Network Architecture: HotSpot, PtP, PtmP, Repeater
	IP Ruting: Any IP
DHCP Support: DHCP Client	
Seguridad	Data Encryption: WEP 64 / 128 / 152 bits
	WPA-PSK, WPA
	Authentication: 802.1x Auth.(EAP)
	Authorization: Mac Access control
	Advanced Security: SSID Broadcast inhibited Layer 2 Isolation
Environment	Operating Temperature: -20°C~55°C
	Storage Temperature: -30°C~70°C
	Relative Humidity: 95% sin condensación
	IP-68 classification
Power Supply	100-264VAC 50-60Hz/ 15VDC
Physical	Dimensions [mm]: 259 (Largo) × 250 (Ancho) × 75 (Altura) [mm]
	Weight[Kg]: 1.8 Kg
	Warranty one (1) year against manufacturing defects

B How to Order

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