

LP-5a 5.8 GHz - 5GHz Band, 802.11a AP

LP5a_SS_ENB01I

Features

■ Large Area Coverage

High output power for IEEE 802.11a up to 0.2W and low noise figure extend the signal transmit distance and enlarge the coverage area as well.

■ Impressive Data Rate at long Distance

Unique LanPro OFDM technology breaks the distance limit of 802.11a standards. We succeeded in extending the signal well over 30kms with a decent data rate. You may opt to use parabolic antennas for a really remote far way location, or omnidirectional antennas for an all around application.

■ Manageability

Through the Web-based utility, the LP-5a is fully manageable locally and remotely. In addition, LanPro built-in SNMP support, let the ISP and enterprise users expand the network infrastructure in a much easier way.

■ Flexibility

This radio can play various roles in the wireless infrastructure due to the detachable antenna design. Customer can use the proper antenna according to the different environment, and make the wireless infrastructure deployment more flexible.

■ Reliability

The LP-5a is highly reliable outdoor radio which provides a trustworthy airway with stable and robust design.

■ Security

WEP64/128/152bit encryption, WPA-PSK, WPA, 802.1x Authentication (EAP), disable broadcast the SSID, client isolation and MAC Access control build the highest security mechanism to prevent malicious attack from the internet.



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Using advanced OFDM and power amp technology, the ALP-5a has high output power and amazing throughput even at long distance transmission. It operates at the 5GHz band (5.15, 5.25, 5.47 and 5.725) GHz with 80+ non-overlapping channels. This 802.11a outdoor radio is an ideal solution for enterprise / campus connectivity, Hotspot and next-generation broadband wireless Access.

It's easier and more cost effective to deploy the wireless access environment with the Wireless Distribution System (WDS) technology. Saving 30% ~ 50% cost for telecom operators, ISPs and enterprises.

LP-5a has powerful security management because it supports WEP 64 / 128 / 152 bits, 802.1x Authentication (EAP), MAC access control, disable broadcast the SSID, client isolation, WPA-PSK and WPA encryption. All these functions make the network much more reliable.

The LP-5a needs an external antenna. For a cost-effective solution with integrated antenna check out the product LP-5ai.

A Aplicaciones

- Large area coverage hotspots
- Long distances P-T-P / P-T-MP Bridge
- Dedicated ISP connections for high-reliability base stations and subscribers
- Redundant links between buildings
- Enterprises or Institutions LAN and PBX extension
- Cost effective alternative to wired network environment.

B Especificaciones

RADIO	
Standards	IEEE 802.11a
Frequency	5GHz Band
Operating Channels	FCC (USA) 5.150GHz~5.350GHz 5.725GHz~5.825GHz
	ETSI (EUR) 5.150GHz~5.350GHz 5.470GHz~5.725GHz
	MKK (JAPAN) 5.150GHz~5.250GHz
	China 5.725GHz~5.850GHz
Output Power	200mW
Modulation	OFDM
Range	Up to 12 miles (20 Km)
INTERFACES	
RF (connect to the antenna)	N-type (Jack)
Ethernet	IEEE 802.3(10 Base-T) / IEEE 802.3u(100 Base-TX) IEEE 802.1d (spanning tree protocol)
MANAGEABILITY	
Management and setup	Web-based configuration
Operating mode	AP / WDS / Smart WDS
SNMP agents	MIBII
Protocol	TCP/IP, IPX/SPX, NetBEUI
Operating System	Windows 98 / 2000 / NT / XP
Network Architecture	Hotspot / Point to point / Point to multi-point / Repeater
IP Routing	Enable any IP
DHCP supports	DHCP client

SECURITY	
Data Encryption	WEP 64 / 128 / 152 bits encryption WPA-PSK WPA
Authentication	802.1x Auth.(EAP)
Authorization	MAC Access Control
Advanced Security	Disable broadcast SSID Client Isolation (Layer 2 Isolation)
ENVIRONMENT	
Operating Temperature	-20°C~55°C
Storage Temperature	-30°C~70°C
Humidity	95% non-condensing
POWER SUPPLY	
AC 100-264 V, DC 15 V, 50-60Hz	
PHYSICAL	
Dimension	259 (L) × 250 (W) × 75 (H) ; mm
Weight	1.8 Kg

A Cómo Ordenar

LP-5a