

**LP-583ai 5.8GHz Band 802.11a/n Outdoor Radio
with Integrated Antenna**

LP583ai_SS_ENB01W

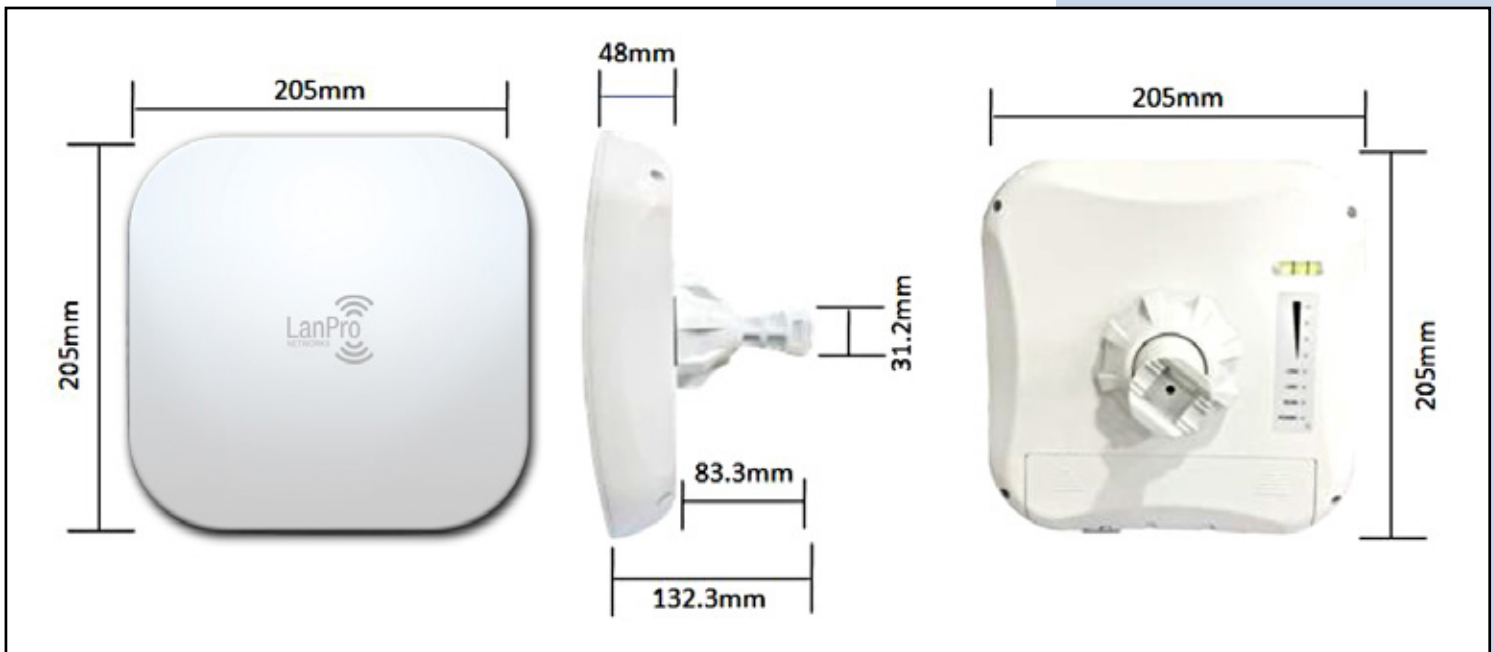
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A Specifications

Chipset	Atheros AR9344 600MHz				
Memory	DDR2 64MByte				
Storage	8MB Flash				
IC	SiGe5012B				
Port	Port 10/100Mbps LAN*1 WAN*1				
Speed	11a:54M,48M,36M,24M,18M,12M,9M,6Mbps				
	HT20:7.2M,14.4M,21.7M,28.9M,43.3M,57.8M,65M,72.2M,14.4M,				
	28.9M,43.3M,57.8M,86.7M,115.6M,130M,144.4Mbps				
	HT40:15M,30M,45M,60M,90M,120M,135M,150M,30M,60M,90M,120M,				
	180M,240M,270M,300Mbps				
Transmission	DSSS				
Modulation	OFDM/BPSK/QPSK/CCK/DQPSK/DBPSK				
Standard	IEEE802.11n,IEEE802.11a ,IEEE802.3u				
Protocol	CSMA/CA,TCP/IP,IPX/SPX,NetBEUI,DHCP,NDIS3,NDIS4,NDIS5				
Channel	4920~6085MHz				
Power Dissipation	≤6W				
Power	POE 24V 1A				
RF @25°C±2dB	802.11a	6-24Mbps	26±2dBm		
		36-48Mbps	25±2dBm		
		54Mbps	23±2dBm		
	802.11n	HT20	MCS 0-3	26±2dBm	
			MCS 4	25±2dBm	
			MCS 5	24.5±2dBm	
			MCS 6	25±2dBm	
			MCS 7	24.5±2dBm	
		HT40	MCS 0-3	26±2dBm	
			MCS 4	25.5±2dBm	
			MCS 5	25±2dBm	
			MCS 6	24.5±2dBm	
			MCS 7	24±2dBm	
	Sensitivity	802.11a	6Mbps ≤ -89; 54Mbps ≤ -73		
802.11n		HT20	MCS 0 ≤ -86; MCS 7 ≤ -68		
		HT40	MCS 0 ≤ -83; MCS 7 ≤ -65		
Antenna	Frequency	4900~6100MHz			
	Polarization	Vertical/Horizontal			
	Gain	16 dBi			
	Propagation	Horizontal: 30 degrees, Vertical 60 degrees. (measured at -3db)			

Management	WEP Management	Yes
	SNMP MIB	Yes
	Telnet	Yes
	Serial	Yes
Security	MAC Address Control	No
	Encryption	WEP 64/128bits,WPA,WPA2,802.1x
Operating Condition	Operating Temperature	-30~65°C
	Storage Temperature	-50~80°C
	Humidity	≤95% (Non-condensed)

B Product Size & Weight



C Package

- LP-583ai
- 24V POE power adapter
- Ring
- Bracket kit
- Screw
- Rubber stick
- Manual

Package Size & Weight:

- 235*225*114 mm
- 1.0kg

**D Carton Size & Weight**

- Size: 595*470*255 mm
- G.W: 11.5kg
- QTY: 10pcs

**E How to Order**

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LanPro is continuously improving its products and reserves the right to change specifications and availability without prior notice