



Build Your Own Wireless Freeway



SG24 15dBi CPE 802.11g Outdoor CPE

What is it?

SG24 15dBi CPE is designed as remote client of an Access Point (AP), operating at 2.4GHz with an integrated 15dBi antenna.

This CPE has three working modes:

Station/AP/WDS mode. It is a stable Point to Multipoint wireless broadband access system for "Last mile access" which can be built up quickly at low cost.

What are the benefits?

The CPE is low price and cost-effective, so when constructing a Point to Multipoint wireless access system, it can be done extremely cost effectively.

Features

- Lower total cost of Point to Multipoint wireless access system.
- All-in-one design, integral 2.4GHz 15dBi antenna.
- Multi-operating mode options such as Station mode, AP mode and WDS mode.
- Support power over Ethernet (802.3af) & built-in Ethernet Lightning Protector.
- Provide the highest available level of WEP/WPA and MAC Address Control to enhance security.
- Multiple Client Support

Normal Contents

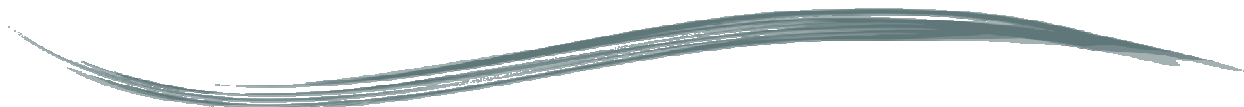
SG24 15dBi CPE	*1
Product CD	*1
Installation Guide	*1
Simple Fixings	*1

Optional Contents

Power Adapter (DC48V)	*1
DC-Injector	*1
Power Cable	*1

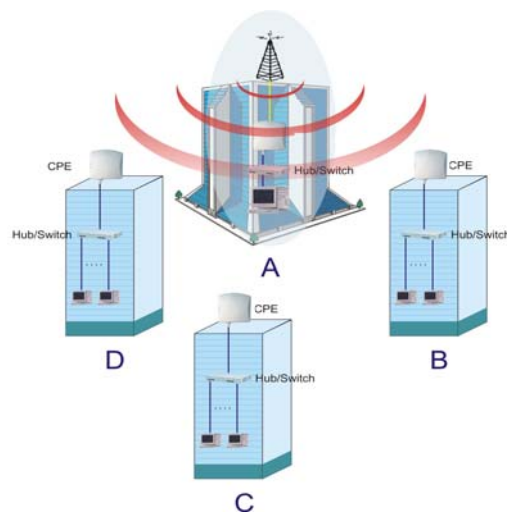
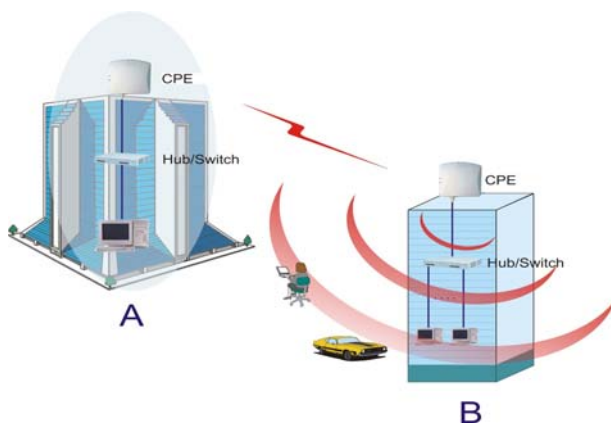


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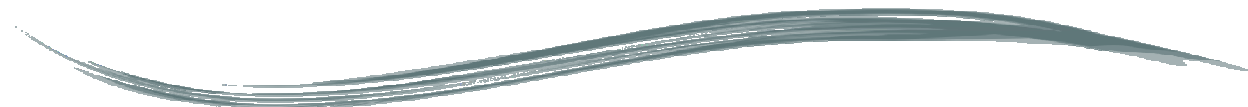




RF	
Standard	IEEE802.11g
Antenna	Integrated 15dBi Panel Antenna
Modulation	11g : OFDM (64QAM, 16QAM, QPSK, BPSK) 11b: DSSS (CCK, DQPSK, DBPSK)
RF Output Power	20dBm(Typical)
Data Rate	11g Mode: 54, 48, 36, 24, 18, 12, 9, 6 Mbps 11b Mode: 11, 5.5, 2, 1 Mbps
Sensitivity	IEEE 802.11g@PER<10% 54Mbps:-65dBm IEEE 802.11b@PER<8% 11Mbps:-82dBm
Channels	USA (FCC) 11 Channels: 2.412GHz~2.462GHz Europe (ETSI) 13 Channels : 2.412GHz~2.472GHz Japan (TELEC) 14 Channels : 2.412GHz~2.483GHz (14th channel only for 11b)
Power	
POE	Yes
Voltage	DC 48V@0.83A
Power Consumption	11g: TX: 600 mA; RX: 550 mA 11b: TX: 650 mA; RX: 550 mA
LED	Power, WLAN, LAN
Default Button	Yes
LAN	One 10/100-BaseTX RJ-45 LAN



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Physical	
Dimension	280mm(L)*280mm(W)*80mm(H)
Weight	1.1kg
Security	
WEP	64/128 bit
802.1x	Yes
WPA-PSK	Yes
WPA	Yes
MAC Address Control	Yes
Management	
Web	Yes
SNMP MIB	Yes
Environment	
Operating Temperature	-15~60°C
Storage Temperature	-20~70°C
Humidity	5 ~ 95%

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FEATURES		
	Station	AP
Function		
WDS (AP+Repeater)		Y
AP List	Y	
Station List		Y
Rescan	Y	
Country/ Region	Y	Y
Roaming	Y	
Link Status (WEB& UI)	Y	
Restore Factory Default (WEB)	Y	Y
F/W Upgrade (WEB)	Y	Y
DHCP Client	Y	Y
WINS	Y	Y
Multi-client Support	Y	
Web-based Management	Y	Y
SNMP	Y	Y
Any IP	Y	Y
Protocol		
TCP/IP	Y	Y
IPX/SPX	Y	Y
NetBEUI	Y	Y
Security		
Hidden AP		Y
Client Isolation		Y
WEP 64/128 bits	Y	Y
WEP ASCII/ Hex	Y	Y
MAC Address Filter		Y
WPA	PSK	PSK, RADIUS
802.1x		Y

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