



Build Your Wireless Freeway

SilverNet Outdoor WiMAX CPE



SKU: SILMAXCP

Features

- 802.16d-2004 WiMAX, and operates at 3.5GHz
- Non Line of Sight (NLOS) deployment
- Full support for Sub-Channelisation
- High spectral efficiency
- Efficient bandwidth allocation
- Dynamic power control
- Built-in panel antenna for 3.5GHz

The SilverNet WiMAX Integrated Outdoor Customer Premise Equipment is based on the innovational IEEE 802.16d-2004 technology. It is the newest wireless product for outdoor applications.

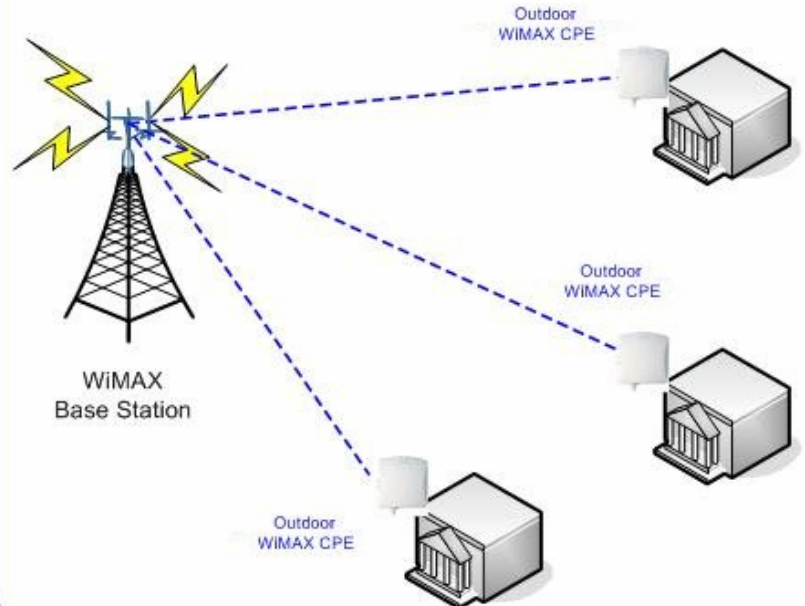
What's the Benefit of the WiMAX Integrated CPE?

- The WiMAX Integrated benefits from WiMAX technology, delivering the best economics and advanced wireless solution for fixed broadband access.
- Operating at 3.5GHz(*5.8GHz) with Orthogonal Frequency Division Multiplexing (OFDM) and non-line-of-sight (NLOS) technology, helping to overcome common urban obstacles
- Integrated with 802.3af Power over Ethernet (POE) support, making it easy and fast to install;
- Built-in antenna and waterproof design for Outdoor application
- Lower total cost of Point to Multipoint wireless access system
- SNMP and AAA (Authentication, Administration and Authorization) support for operation and maintenance

Specifications	
Standards	IEEE 802.16d-2004 IEEE 802.1d IEEE 802.3af IPX TCP/IP NetBEUI
Flash/SDRAM	8M Flash,32M SDRAM
Feature	
Operation Mode	CPE
QoS	Yes
Encryption	DES/AES
Flow Control	Yes
DFS(Dynamic Frequency Selection)	Yes
ARQ(Automatic Repeat Request)	Yes
PHS(Payload Header Suppression)	Yes
Management	Web/CLI/SNMP/FTP
Wireless(802.16-WiMAX)	
WiMAX profiles	Supported Fixed WiMAX
Modulation	BPSK, QPSK, 16QAM, 64QAM
Frequency	3.4~3.6GHz
Duplex	TDD/HFDD
PHY	OFDM 256 FFT
Channel Size	3.5, 7MHz
Output Power	Max:20dBm
Interface	
Power Supply	Support 2 ways of Power Supply: POE (802.3af,isolation,48V@0.2A) Remote Power(48V@500mA)
LAN	One 10/100-based Tx RJ45 Ethernet port
Antenna	Built-in 3.5GHz 16dBi panel ant.
Default button	Yes

Typical applied framework

Fixed Broadband Wireless Access - WiMAX Integrated Outdoor CPE



Last Mile Solution - Outdoor WiMAX to WiFi Gateway and WiMAX Integrated Unit

