



LOS-960 ac

6GHz Line Of Sight (LOS) System

LOS-960 ac 6GHz is IP Based Digital Microwave that used in PTP and PTMP Mode. This Product delivers an extremely high 866Mbps throughput via its unique and powerful RF design that supports up to 256QAM modulation and 30dBm output power.

The LOS-960 ac 6GHz operating system ensures easy and rapid deployment of point-to-point links with stable, fast performance. An intuitive and responsive user interface adjusts the layout based on the size of your screen. Essential tools including Setup Wizard, link test, antenna alignment, spectrum analyzer, and site survey are included to make set-up and troubleshooting more efficient. Automatic mechanisms such as auto-channel and automatic transmit power control optimize the link for maximum performance even in areas with high interference.

Wireless

Radio Mode	MIMO 2x2									
Radio Freq Band	6 – 6.4 GHz									
Transmit Power	30 dBm									
Receive Sensitivity	-75 ~ -97									
Channel Size	5, 10, 20, 40, 80 MHz									
Modulation	OFDM(256-QAM, 64-QAM, 16-QAM, QPSK, BPSK)									
Data Rate @ 80MHz	866, 780, 650, 585, 520, 390, 260, 195, 130, 65 Mbps									
Error Correction	BCC, LDPC									
Duplexing Scheme	TDD									
Modulation, Mbps	866	780	650	585	520	390	260	195	130	65
TX Power, dBm	24	25	25	26	27	28	28	29	29	30
Receive Sensitivity	-64	-66	-70	-72	-74	-78	-81	-85	-88	-90

Antenna

Type	N-Type
Gain	Antenna Dependent (Connectorized, Integrated 20 and 23 dBi)

Software

Wireless Operating Mode	Access Point, Station
Wireless Techniques	Smart Auto-Channel, Auto Modulation, ATPC
Wireless Security	WPA/WPA2(Personal and Enterprise involved), WACL, User isolation
Wireless QoS	With Hardware acceleration
WAN Protocols	Static IP, DHCP Client, PPPoE Client
Service Watchdog	DHCP server, SNMP server, NTP client, Ping
Management	HTTP(S) GUI, SSH, SNMP, WNMS, Telnet
Tools	Site Survey, Link Test, Antenna Alignment

Physical

Dimensions	Length 150mm, Width 115mm, Height 55mm
Weight	0.5kg Radio, 2kg with Antenna in Integrated
Mounting	Wall, Pole Mounting

Power

Power Supply	100 ~ 240 VAC / 42 ~ 57 VDC POE 10/100/1000 Base-T, RJ45
Power Consumption	10 W

Environmental

Temperature	-20°C ~ +55°C
Humidity	0 ~ 90 %