



LOS-962

6GHz Line Of Sight (LOS) System

LOS-962 6GHz is IP Based Digital Microwave that used in PTP Mode. This Product designed for above 60km distance and delivers an extremely high 700Mbps throughput via its unique and powerful RF design that supports up to 256QAM modulation and 30dBm output power.

The LOS-962 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	5.9 – 6.4 GHz									
Transmit Power	30 dBm									
Receive Sensitivity	-75 ~ -97									
Channel Size	5, 10, 14, 15, 20, 30, 40, 60, 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									
ATPC	Involved									
Modulation, Mbps	866	780	650	585	520	390	260	195	130	65
TX Power, dBm	24	25	26	27	28	30	30	30	30	30
Receive Sensitivity	-71	-73	-77	-79	-80	-84	-87	-92	-94	-97

Antenna

Type	N-Type , Integrated
Gain	Antenna Dependent (Connectorized, Integrated 25 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 379mm, Width 387mm, Height 51mm
Weight	2.9Kg Connectorized , 3.9Kg Integrated
Mounting	Pole Mounting, 124mm

Power

Power Supply	100 ~ 240 VAC / 42 ~ 57 VDC POE 10/100/1000 Base-T, RJ45 Input
	Second Interface 10/100/1000 Base-T, RJ45 Output
Power Consumption	8.6 W (POE)
POE Standard	802.3af/at Inserter

Environmental

Temperature	-40°C ~ +65°C
Humidity	0 ~ 90 %