

IS-LR510C

ISON iLink Series



IS-LR510C is a Radio that belongs to the ISON iLink Series and supports 4.9 to 5.9 GHz frequency range. The system has been tested against various local technical regulations and found to comply and has achieved type approval in various countries around the world.



Key features

- ▶ Delivers up to 10 Mbps throughput
- ▶ The radio is connectorized for external antenna (2xN-type)
- ▶ Long range up to 70 km
- ▶ Telco-grade, extremely robust in harsh environment
- ▶ Adaptive asymmetric throughput, dynamic allocation between uplink and downlink.
- ▶ Advanced OFDM and MIMO technologies for operation in nLOS/NLOS and dense RF environment.

Specification

Radio

Max Capacity	10 Mbps net aggregate throughput
Range	up to 70 km
Channel Bandwidth	Configurable : 5/10/20 MHz
Modulation	2x2 MIMO -OFDM (BPSK/QPSK/16QAM/64QAM)
Adaptive Modulation and Coding	Supported
Automatic Channel Selection	Supported
DFS	Supported (FCC/IC)
MAX Tx power	25 dBm (315 mW)
Encryption	AES128

Mechanical

Radio Dimensions	21 (w) x 21 (h) x 8 (d) cm
Radio weight	1.5 kg / 3.3 lbs

Power

Power feed	provided through PoE
Consumption	less than 15 watts

Environment

Operating temp	-35°C ~ +60°C
Humidity	%100 Condensing ,IP67