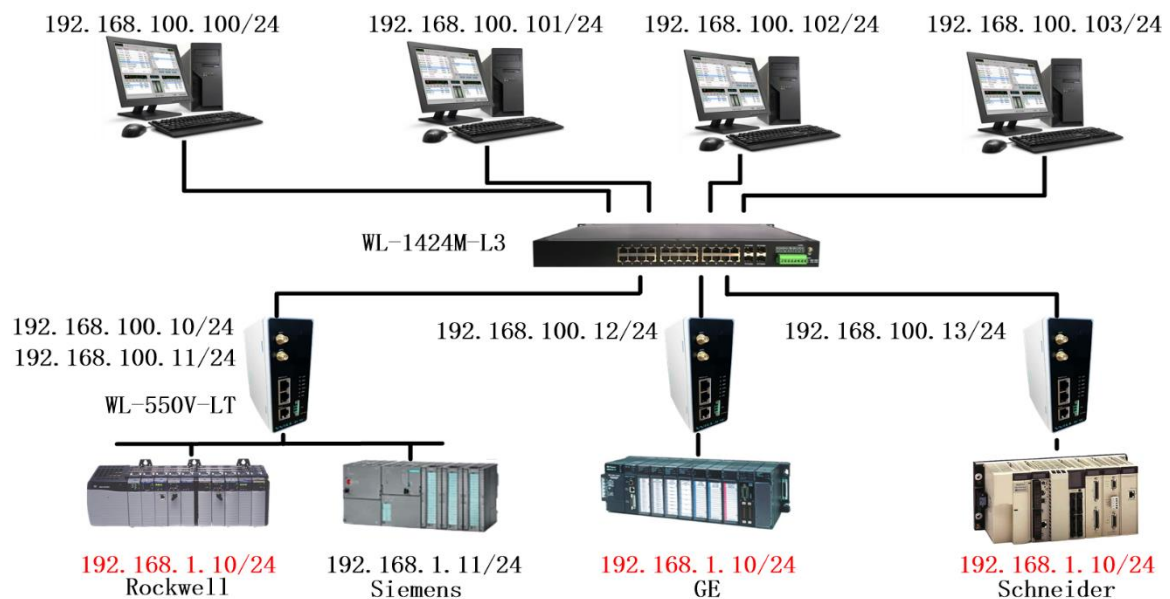# WL-550V-LT

Industrial Wireless VPN Gateway With Lite Function

Description

WL-550V-LT Wireless Modem can be widely applied to Oil & Gas, Coal-Mining, Iron & Steel,Water, New-Energy and other industrial system. Connected your PLC, VFD, DCS, instruments via the modem. Use the GPS function get the machine's location.

WL-550V-LT Supports dynamic or static IP addressed assigned by cell carriers. VPN Client and DDNS Client has been designed for the module, PLC program can be uploaded/downloaded at anyplace. This enables configuration, programming or debugging of almost any industrial device from any location. you can use your regular configuration software just as you would if you were on site. Allowing HMI, PLCs, sensors etc to communicate with each other. Remote Access removes boundaries, eliminates the need for time consuming site visit and provide a network infrastructure suitable for today's "always-on" society.

Features

- ➢ 2 port 10/100 Ethernet LAN switch with LAN / DMZ configurable zones
- ➢ Support WiFi 802.11b/g/n
- ➢ L2TP/PPTP/WiVPN VPN client w/DES, 3DES, AES
- ➢ Stateful Packet Inspection Firewall
- ➢ Supports dynamic or static IP addresses assigned by cellular carriers
- ➢ Support routing function, two Ethernet ports can be used as one for WAN the another for LAN
- ➢ DHCP, DDNS, Port Forward and SNMP is supported
- ➢ It can be configured by webpage or CLI
- ➢ Support 1:1 NAT

Web:http://www.witlinc.com E-mail:support@witlinc.com

Technical Specification

1:1 NAT

Function	Support signal IP translate to other IP address

WiFi

Standard Frequency Band	Support IEEE 802.11 b/g/n wireless operation standard 2.4GHz (ISM Frequency Bands)
Security	64/128-bit WEP (Wired Equivalent Privacy) WPA & WPA-PSK &WPA2 -PSK(Wi-Fi Protected Access)
Transmit Power	20dB
Data rates	MCS0 -MCS15
Receiver Sensitivity	-94dBm @ MCS0 & MCS8

Others

Advanced Firewall Features	Network Address Translation (NAT) State full Packet Inspection (SPI) Port Forward, Packets
Media Access Control	CSMA/CA with ACK
Network Function	WiVPN, DHCP, DNS, DDNS, ICMP

Hardware Specifications

Size	Width 1.6 inches x Height 5.0 inches x Depth 3.7 inches
Weight	1.1 lbs （500g）
Enclosure	Plastic DIN-Rail
Interface	2×RJ45(10/100Mbps)
Operation Temperature	-40℃—70℃
Storage Temperature	-40℃—85℃
Humidity	95% Maximum (Non-condensing)
Power	10-31VDC
Power consumption	Idle:130mA@24VDC,Max:250mA@24VDC Average:160mA@12VDC