

## WL-430G/T-IO

### 3G/4G Wireless Modem with IO signal

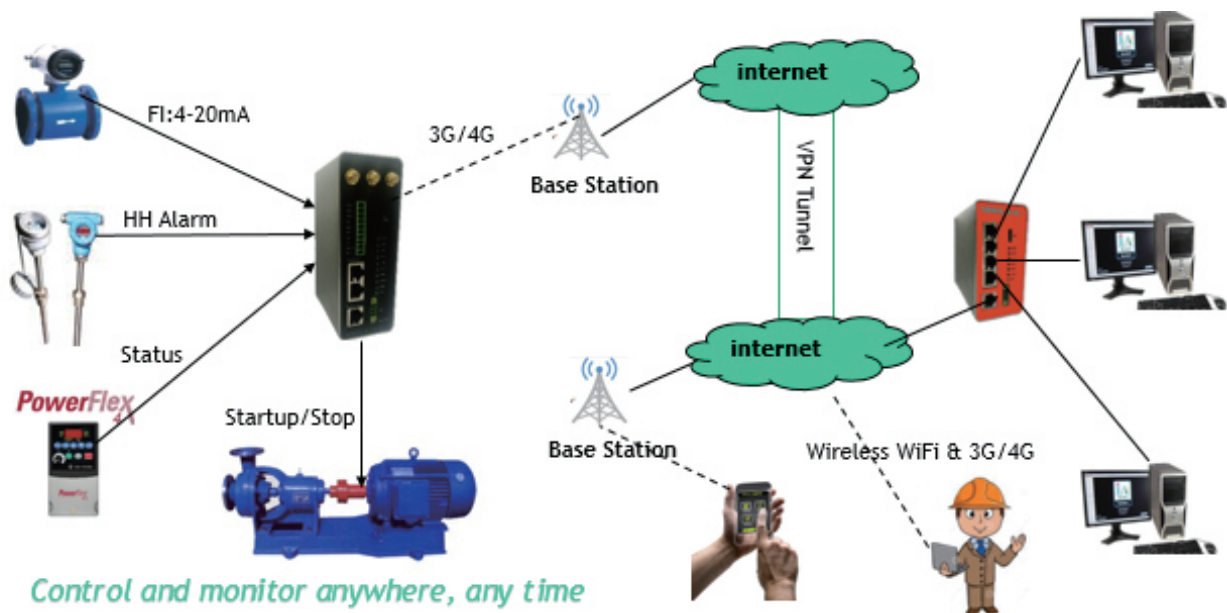
#### Description:

WL-430G/T-IO 3G/4G 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. All the IO signal can be displayed by the LED.

WL-430G/T series support the latest 4G/3G high-speed wireless cellular technologies; 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. Whether you're using a GPRS, 3G, EDGE, HSDPA, HSUPA or LTE Connection, 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.

All interface and LEDs in the front and with the DIN-Rail in the back make the module well suited for the industry application. In order to protect against issues caused by ground loop, optical isolation was designed between the Ethernet Port and Serial Port.





## Features:

- Supported 2G/3G/4G network
- 2 port 10/100 Ethernet LAN switch with LAN / DMZ configurable zones
- 3G/4G module Built-in
- IPSec-based VPN client w/DES, 3DES, AES
- IO Signal(2×DI, 2×DO, 1×AI)
- Stateful Packet Inspection Firewall
- Supports dynamic or static IP addresses assigned by cellular carriers
- Support APN/VPDN network
- 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

## Technical specifications:

3G/4G		
Compatible Mobile Networks	LTE, DC-HSPA+, HSPA+, HSDPA, HSUPA, WCDMA, GSM, GPRS, EDGE,	850/900/1900/2100
	EVDO,CDMA2000 1X	800/1900
	HSUPA/HSDPA/UMTS/EDGE/GPRS/GSM	
Band Width	LTE	UL/DL: 50Mbps/ 150Mbps
	HSDPA+(1)	UL/DL: 5.76Mbps/ 14.4Mbps
	HSDPA+(2)	UL/DL: 5.76Mbps/ 21Mbps
	EVDO(3G)	1.8Mbps/ 3.1Mbps
IO Function		
Signal type	(2) discrete input, (2)discrete output, (1) Analog input 4-20mA	
IO Connector	10-Position screw terminal	
Output Interface	TCP/IP Socket	
Others		
Advanced Firewall Features	Network Address Translation (NAT) State full Packet Inspection (SPI)	
Media Access Control	CSMA/CA with ACK	
Others	WiVPN, DHCP, DNS, DDNS, ICMP	
Hardware Specificatons		
Size	Width 1.6 inches x Height 5.3 inches x Depth 3.7 inches	
Weight	1.2lbs (543g)	
Enclosure	Aluminum DIN-Rail	
Interface	2×RJ45(10/100Mbps),1×Rs232,I/O Port(2×DI,2×DO,1×AI), 1× SMA,1× RS485,1X1.8V/3V SIM slot	
Operation Temperature	-40°C - 70°C	
Storage Temperature	-40°C - 85°C	
Humidity	95% Maximum (Non-condensing)	
Power	10-31VDC	
Power consumption	Idle: 130mA@24VDC ,Max: 250mA@24VDC Average:160mA@12VDC	