

IPT-LTEGate-POE

Cloud Managed LTE Gateway
with PoE out & WiFi



The IPTECHVIEW industrial-grade router provides Internet connectivity to multiple wired or WiFi devices through LTE carrier. With 4 POE LAN ports, it eliminates the need for power supplies or POE switches when connecting POE enabled devices such as IP cameras. Dual SIM LTE can be used in conjunction with Ethernet WAN for failover/redundancy, and full Remote Power Management for remote reboot and other functions.



Easy Plug and Play Cloud Management

- No fixed IP or port forwarding needed
- Full access to GUI through IPTECHVIEW
- Rich monitoring and alerting rules
- Preconfigured for individual accounts including VPN tunnel setup and security certificate

Applications:

- Industrial IoT and networking
- System cloud integration
- Smart City and ITS
- IP Surveillance
- Remote monitoring

Features:

- Dual SIM LTE Cat.4, 1*RJ45 GE WAN
- 4*Gigabit Ethernet with 802.3at PSE
- 1*WiFi 11n/ac 2T2R
- 1*RS232/485, 1*DI+1*DO, 1*USB
- Metal Housing, DIN-Rail / Bracket
- Dual DC 24~56V TB, -30°C ~ 70°C

Device Interface

4G Module: 1*LTE, 2*SIM (2FF)

Ethernet: 1*RJ45 GE, 4*RJ45 GE with 802.3at PSE

WiFi: 1*11a/b/g/n/ac-2T2R 2.4G/5GHz Selectable

Field Bus: 1*RS232/485 (Terminal Block)

Log Storage: 1*USB

I/O: 1*DI ("Logic 0": 0~2V, "Logic 1": 5V~30V),

1*DO (Relay Mode, up to 30V/1A)

Power Input: 2* DC 24V ~ 56V (Terminal Block)

Antenna Con.: 2*SMA (F)-4G, 2*SMA(M)-WiFi

WAN & Uplink

WAN: Cellular & Config. Ether-WAN; Failover, Load Balance

Cellular: 3GPP, 2G/3G/4G, IP Pass-through, IPv4/6

Ether-WAN: Dynamic IP, Static IP, PPPoE, PPTP, L2TP

Network Monitor: ICMP/DNS Query

WiFi

Standard: 802.11 Industry Compliance

Mode: AP Router, WDS Only, WDS Hybrid Modes

Functions: Multi-SSID, WMM

Security: WEP, WPA, WPA2, WPA-PSK, WPA2-PSK, 802.1x

Protocol

LAN & VLAN: DHCP Server/Relay, Port/Tag based VLAN

IPv6: Dual Stack, Static IPv6, DHCPv6, PPPoEv6

Port Forward: NAT 1-1, 1-many, transversal, DMZ, Virtual Server
& Computer, VPN Pass-through

Routing: Static, Dynamic - RIP1/RIP2, OSPF, BGP

QoS: Policy-based, 802.1q and TOS for priority queues

PoE: Power Control, Manual ON/OFF, Scheduled ON/OFF

Field Comm

Virtual COM: RFC2217, TCP Client, TCP Server, UDP

Modbus: Gateway for Modbus TCP/RTU/ASCII Master/Slave
Access; Slave for Device Status/Information Access

Data Logging: Sniffer, Off-line / Full-time Proxy, mixed modes

Object

Scheduling: Time Schedule List

Grouping: Host Grouping List

Ext. Server: Email, Syslog, RADIUS, SCEP, FTP, DDNS, IGMP

Certificate: My Certificate, Trusted Certificate, Issue Certificate

Security

VPN Tunneling: IPsec, OpenVPN, PPTP, L2TP, GRE

Scenario: Site/Host to Site/Host; Hub and Spoke; Dynamic VPN

VPN Capability: IPsec: up to 16 tunnels

Firewall: SPI Firewall with Stealth Mode, IPS

Access Control: Packet Filter, URL Blocking, MAC Filter

Administration

Configuration: Web UI, CLI, Common d Script, Python*

Management: SNMPv3 Std. & AMIT MIB, TR069

System: Upgrade, Backup & Restore, Reboot & Reset, SysLog

FTP: FTP Server, User Account

Diagnostic: Packet Analyzer, Diagnostic Tools

Service

Cellular Toolkit: Data Usage, SMS, SIM PIN, USSD, Network Scan

Event Handling: User Defined Manage/Notify Event; Action
& Trigger by SMS, Mail, Syslog, SNMP Trap,
Modbus, I/O

Environment

OP/Storage Temp.: -30C ~ 70C' -40C ~ 85C

Humidity: 1% ~ 95% (non-condensing)

Enclosure: Metal, DIN-Rail, Bracket (Optional)

Dimension: 62x125x160mm (w/o mounting kit)

62x135x160mm (with DIN Rail kit)

Certificate - CE

Standards & Regulation

EMI: EN 55032 : 2015 +AC: 2016 Class B

EMS: EN 55024, IEC 61000

Radio: EN 301 489, EN 300 328, EN 301 893, EN50385

Safety: EN 60950-1

Package Accessory

1*Device

1*Terminal Block (8-pin for DC Power & DI/DO)

1*Terminal Block (4-pin for serial port)

1*RJ45 Cable, 1*Power Cord

1*DIN Rail Kit, 1*Screw Bag

1*CD (User Manual)

Cloud Management

- No fixed IP or port forwarding needed

- Full access to GUI through IPTECHVIEW

- Monitoring and Alerting

- Security Certificate / Pre-configuration