



Control Center



LTE Station

## Industrial LTE Gateway with Serial Port M2M-S2

- Serial To LTE
- LTE Band: Band B1/B2/B3/B4/B5/B7/B8/B28/B40
- Industrial with redundancy power design
- 9V~48V power input to connect vehicle power directly

- Build in serial port (RS-232/RS-485)
- Dual SIM for fail over
- VPN server and client
- GPS (GNSS integrated)



### Serial to LTE application

The marriage of Serial and Wi-Fi interfaces is now getting more important for both business and industry applications. A Serial to LTE gateway allows system integrators to connect legacy serial devices to Ethernet via wireless WAN (LTE/3G), providing many options for data acquisition, device management and industrial control anywhere.



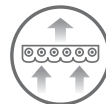
### Dual SIM Card for fail over

M2M-S2 support 2 SIM-Slot for SIM card. When 1 telecom signal is fail , another sim can work directly. This provide the signal redundancy.



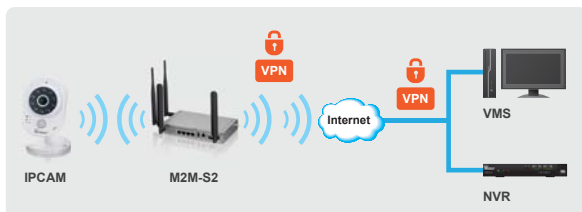
### Secured VPN Solution

M2M-S2 has hardware VPN encryption function which provides secured data transmission over Internet. Advanced 256-bit encryption through IPsec, PPTP, or L2TP VPN avoid leaking sensitive information and keep live video image from prying eyes. This is ideal solution for the application which need extra security such as Bank access control or ATM.



### Take power directly from vehicle battery

M2M-S2 support 9V~48V power input , which allow user to power on the device by the vehicle battery. The dual power input range from 9V ~ 48V provide the power redundancy, so no matter you want to put M2M-S2 in bus or SUV , it can power on the device directly.



9~48Vdc Power Connector

Take power directly from vehicle battery



## Specifications

## AirLive M2M-S2

Model	M2M-S2 M2M IoT Cellular Gateway
WAN	Embedded LTE Cat 4 Module with 2 SIM slot LTE Band: Band B1/B2/B3/B4/B5/B7/B8/B28/B40 - Max 150Mbps(DL), Max 50Mbps(UL) WCDMA : B1/B2/B5/B8
Ethernet Port	10/100M (Auto-MDI/MDI-X) UTP Port x 4 (including 1 WAN port)
Expansion Interface	DB9 (RS232/RS485) x 1 DI 1xDO x1 RJ12 (Console) x1
Antenna	2 x 3 dBi SMA Onmi Antenna. (LTE) 2 x 5 dBi R-SMA Onmi Antenna. (2.4G)
WiFi Frequency	2.4G: 2.4000~2.4835GHz
WiFi Operation Mode	AP Router, WDS, WDS Hybrid Modes
Wireless Security	WEP, WPA,WPA2, WPA-PSK, WPA2-PSK, 802.1x
Software	Dual SIM Failover Ethernet/ 3G,4G Load Balance or FailOver IPv6: 6-in-4, 6-to-4 Multi-SSID WPS WMM VLAN NAT: ALG, Special AP, DMZ Host, Virtual Server/Computer, PPTP, L2TP, IPSec Passthrough DDNS Firewall Pacaket Filters URL Blocking MAC Address Control QoS and Band Width Management VPN Tunneling: IPSec, PPTP, L2TP, GRE VPN, L2TP Over IPSec VPN Scenario: Site to Site, Site to Host, Host to Site, Host to Host, Dynamic VPN Redundancy: VRRP Status & Statistics Scheduling FW upgrade Backup & Restore Settings
Management	Web Telnet SNMP SMS TR-069
Applications	Serial (RS232/RS485): Virtual COM (Ethernet/LTE to COM Bridge) DI/DO: Digital input, Digital output
WiFi Output Power (EIRP)	ETSI: 2.4GHz : 19 ± 1dBm
WiFi Receive Sensitivity	2.4GHz: -90±2dBm
Power Input	Dual DC 9V~48V
Temperature	Operation Temp.: -20 °C ~ 60 °C Storage Temp.: -40 °C ~ 85 °C
Humidity	10% ~ 95% (non-condensing)
Certification	TBD

## Ordering Information:

**AirLive M2M-S2** Industrial LTE Gateway with Serial Port