



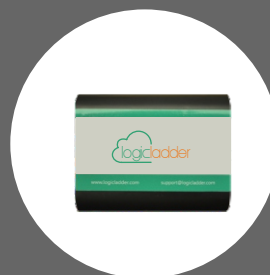
IoT Cloud Connector

- ✓ Reliable
- ✓ Two way IoT Connectivity
- ✓ Secure Communication
- ✓ Data Logging
- ✓ Network Time Synchronization
- ✓ MODBUS RS232/485
- ✓ 4-20mA Analog Inputs

MINI GPRS

MINI LAN

ADV



	IoT Cloud Connector MINI G	IoT Cloud Connector MINI LAN	IoT Cloud Connector STD	IoT Cloud Connector V4
GPRS	Quad band/,Class 10/Class 12	-	- Quad band module of Sierra wireless - GSM/EDGE/UMTS /HSDPA (850/1900/900/1800)	- Quad band module of SIMCOM - GSM/EDGE/UMTS /HSDPA(850/1900/900/1800) - Network redundancy (dual SIM)
Network	-	- Web based user interface, setup wizard, console, log viewer - Save load configuration, clock sync. OTA, remote configuration - DNS,DNS Proxy,STP	- Web-based user interface, set-up wizard, console - log viewer, save / load configuration, NTP, SMS /OTA remote configuration - DHCP, static routing, port-forwarding, traffic routing, static/dynamic DNS, DNS proxy, NAT, STP	- HTTP/HTTPS Password access - Security: SSL tunnels, SSHv2, FIPS 197 (IPsec HTTPS) - Network Protocols: UDP/TCP, DHCP SNMPv1/v2 - VPN: IPsec with IKE/ISAKMP; Multiple tunnel support; DES
Clock	Real-Time Clock with synchronization from GSM network and NTP and GPS	Real-Time Clock with synchronization from network NTP	Real-Time Clock with synchronization from GSM network and NTP	Real-Time Clock with inbuilt battery synchronization from GSM network, NTP and GPS
Memory	16MB flash,2MB RAM	32MB Flash, 1Gbit SDRAM	32 MB Flash(Data Logging), 1Gbit SDRAM	16MB Flash and external microSD Card
Approvals	CE,FCC,PTCRB	CE,FCC	CE,FCC,PTCRB	CE
Power Supply	5-32VDC @65mA	9-60VDC	9-60VDC	24VDC
Ethernet	-	Ports: 2 Standard: IEEE 802.3 Physical Layer: 10/100Base-T Connector: RJ-45	Ports: 2 Standard: IEEE 802.3 Physical Layer: 10/100Base-T Connector: RJ-45	Ports: 1 Standard: IEEE 802.3 Physical Layer: 10/100Base-T Connector: RJ-45
Environmental	Operating temperature:- 30°C ~ +70°C	Operating temperature :- 20°C - +55 °C 6kV contact and 8kV air discharge protection CE,UL,FCC Class A	Operating Temperature:- 20°C ~ +55°C 6kV contact, 8kV air discharge protection, CE, UL, FCC Class A	Operating Temperature:- 0°C ~ +70°C CE

	IoT Cloud Connector MINI G	IoT Cloud Connector MINI LAN	IoT Cloud Connector STD	IoT Cloud Connector V4
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Cloud Connector MINI-G ADV, MINI-L ADV, STD ADV will have additional IO module with below specifications

Data Acquisition Module	
Inputs port	08(fully Differential)
Input Types	Thermocouple - E ,J ,K ,T ,B ,R ,S ,N RTD - Pt100, Cu-53, NI-120 Current 0-20mA , 4-20mA Voltage -10V to +10V,-100mVto+100mV,-50mVto+50mV,-250mVto+250mV
Isolation	1500Vrms – Field To Logic,1500Vrms – RS485 To Logic,1500Vrms – Field To RS485
Scan Rate	50ms/Channel
Resolution	16Bit
Enclosure	
Ingress Protection	IP 66 to EN 60529/09.2000 Complies with NEMA 4



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