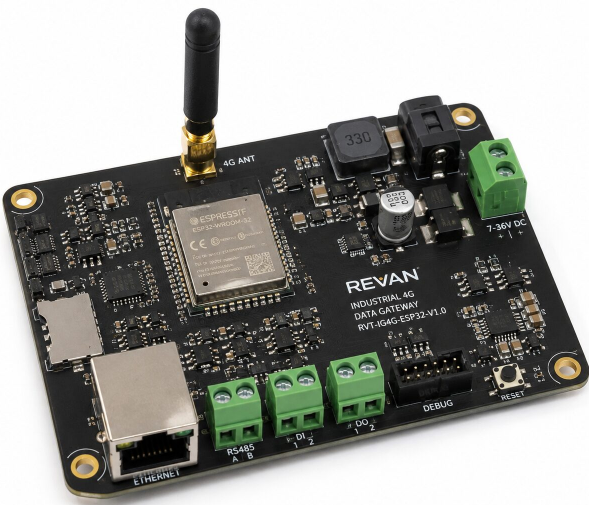


Revan Technology

EN Datasheet
revantechnology.com

Industrial 4G Data Logger Gateway

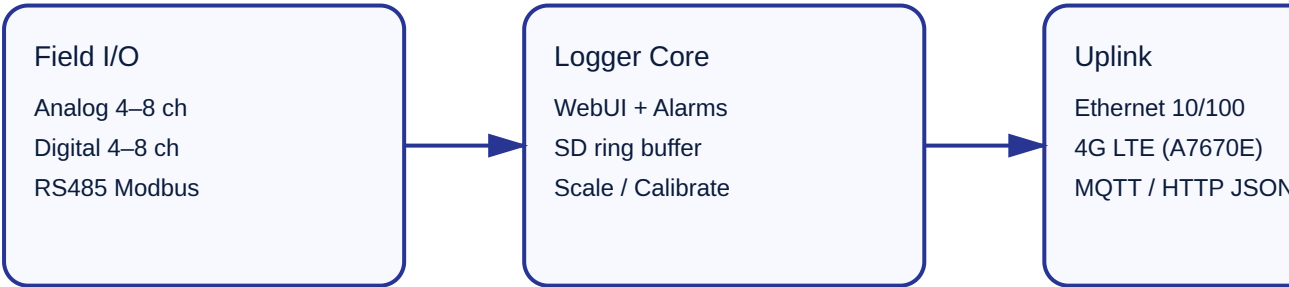
Multi-channel field acquisition · Ethernet + 4G · MQTT/HTTP · DIN rail



Key Benefits

- 4–8 universal analog + 4–8 digital inputs in one box
- RS485 Modbus RTU multi-slave polling
- Ethernet + 4G LTE failover uplink
- SD card ring buffer / store-and-forward
- MQTT / HTTP JSON cloud publish
- Built-in WebUI for channels, calibration and alarms

Block Diagram



Technical Specifications

Parameter	Value
Supply	9–36 V DC
Analog inputs	4–8× universal (0–10 V / 4–20 mA / NTC)
Digital inputs	4–8× (dry contact / pulse)

Parameter	Value
Comms	Ethernet 10/100 + 4G LTE Cat-1 (A7670E) + RS485 Modbus RTU
Publish	MQTT / HTTP JSON
Logging	SD card ring buffer
Web UI	Built-in browser WebUI
Mounting	DIN rail / industrial cabinet

Applications

- Warehouse / panel temperature & humidity
- Water treatment and greenhouse sensor lines
- Remote meter / pressure transmitter polling
- 5–10 field points collected in one gateway

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