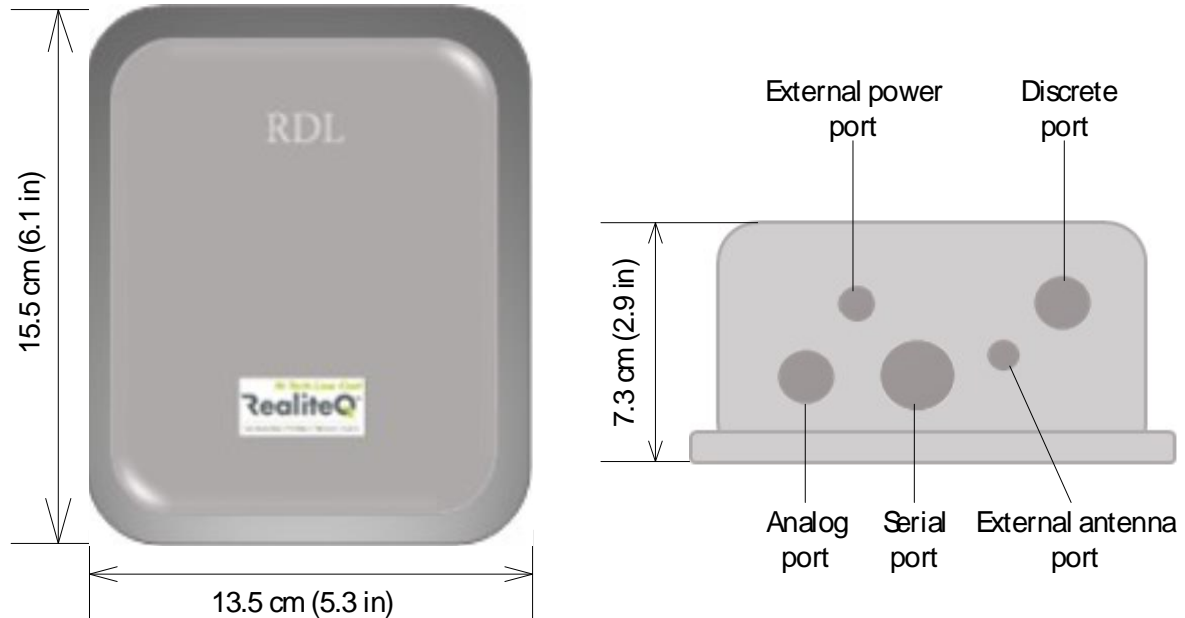


RealiteQ Data Logger RDL

Specifications

1. Dimensions and outlets



2. Data:

Data keep on:	RealiteQ COMP (Central On-Line Management Portal)
RDL internal memory:	Up to 4 GB
Alarm notification:	e-mail, Telegram messenger
Alarm threshold:	Up to 8 per data stream
System health check	Included

3. Battery and external power

Battery type:	Military grade Lithium; 3.9V/3A (field-replaceable)
Capacity:	32 Ah
Operational runtime:	3,500+ transmissions per battery pack; about 4 years (one sensor sampling each 15 min, transmission each 4 hours)
Battery status:	Notification Included
External power:	Solar, external battery or mains
External voltage:	4.5 – 28 V DC

4. Sensor integration

Sensors:	3 ports; up to 12 sensors with cable splitter
Sensor position:	External hard wired
Serial interface:	RS232/485; SDI-12
Serial protocols:	Modbus RTU; ASCII; custom defined
Serial channels:	Up to 15
Analog inputs:	4 (4-20 mA; 0-10V)
Discrete inputs:	2
Sensor power:	12V/350 mA

5. Connection to COMP

Networks:	2G; 3G (UMTS); 4G (LTE); CDMA; LPWAN; Bluetooth-low energy; option for satellite
SIM card:	Global SIM card and data plan included
Roaming:	Global SIM card supports over 140 countries
Configuration:	Remotely (via cloud) or local via USB
Data transmission:	Periodic; Data dependent
Antenna:	External
GPS:	Built in

6. Dimensions and environmental conditions

	EU	US
Dimensions:	13.2 x 16.5 x 7.3 cm	5.2" x 6.5" x 2.9"
Weight:	700 g	1.5 lb
Enclosure:	Molded polycarbonate	
Protection level:	IP68	NEMA 6P
Hazardous location		UL rated Class 1 Div 1; ATEX certifications
Operating temperature:	-40 to 80 deg C	-40 to 176 deg. F