



APPLICATIONS

- Water Resource Monitoring
- Flood Monitoring
- Discharge Monitoring & Alarming
- Tidal Studies
- Aquifer Resource Management
- Stream-Gauging

Low Power Modem

Features

- Manage modem and sensor configurations (examples: sensors installed & collection frequency) over the web
- Field test button ensures proper installation
- Low power consumption for long battery life
- Intelligent power modes & charging circuit
- Works with all INW Smart Sensors
- 4MB of redundant data storage
- Powerful web-based management software
- CSV Service Option available to integrate with 3rd party data management & modeling software



SPECIFICATIONS

Housing	Aluminum
Dimensions	4.86"L x 1.2"H x 2.5"W (12.3cm L x 3.0cm H x 6.6cm W)
Weight	0.5 lbs. (0.23kg)
RF Sensitivity	
1900 MHz (CDMA)	-108dBm
800 MHz (CDMA)	-108dBm
Communication	Modbus/RS485
Operating Temperature	-20° C to 50° C
Storage Temperature	-40° C to 80° C
Certifications, Approvals, Compliance	RoHs, FCC, IC, CDMA Carrier Approval
Cellular Network	Verizon
Logging	Logs internal temperature, Voltage, RSSI, up to four INW sensors
Output Voltage	12 VDC switched for powering sensors (500 mA)
Diagnostics	Two colored LEDs for troubleshooting



POWER OPTIONS

Wall (Included)	110 Volt AC
	18 VDC - 10 A/HR (18 Watts)
Solar Option	1.4 A/HR Sealed Lead Acid
	10 Watt Panel with 10' Cord
High Capacity Option	Lithium AA 16.8 VDC - 1-Year Life ⁽²⁾
	2.6 A/HR
	Lithium D ⁽¹⁾ 16.8 VDC - 5-Year Life ⁽²⁾
	14 A/HR

POWER OPTIONS

18 VDC Wall Supply

10 Watt Solar Supply

Primary Lithium Pack (4 AA)



(1) Class 9 Hazardous Material - Ground shipping ONLY without certification.
 (2) Based on 15 minute data collection with four call-ins per day.

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