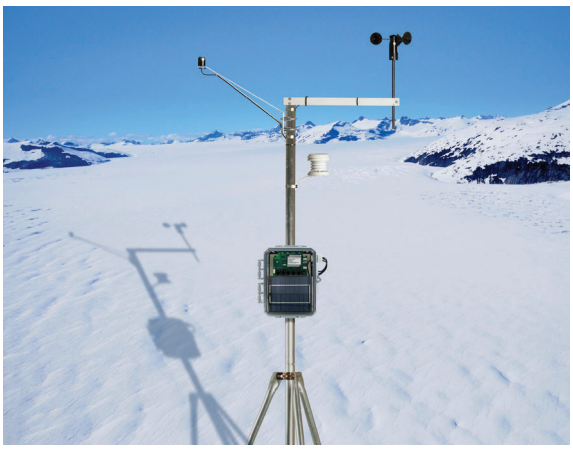
Starting at $1439

The DataGarrison[tm] Satellite Station is a solar-powered environmental monitoring and transmitting device. It is among the most flexible logger/transceivers available, seamlessly connecting with multiple cameras and sensors via various protocols, including SDI-12, Modbus, and HOBO® for high-accuracy, research-grade performance. With the push of a button, the DataGarrison Station begins streaming photos and/or data to the DataGarrison.com secure data center via an on-board satellite link.

Customers can access remote data securely from any Internet-enabled computer. From password-protected accounts, users can view or download their data over a secure SSL encrypted connection. Customers can also change parameters at the remote site such as logging interval and server update rate with an easy-to-use browser interface. The DataGarrison App is also available for close-in Bluetooth communications and setup.

Key Advantages

- Worldwide satellite coverage
- Compatible with HOBO, SDI-12,and Modbus sensors
- Weather alerts sent via text or email messages
- Smart-charging solar technology
- Automatically transmits data to user accounts at DataGarrison.com
- Operates on Iridium's truly global satellite network



Research-grade Dependability

DataGarrison Satellite Stations are solar-powered logging and transmitting devices, compatible with SDI-12, Modbus, and Onset Computer Corporation's HOBO Smart Sensors. With the push of a button, the DataGarrison station transmits environmental data to secure online user accounts, and alerts users if sensors exceed user-defined alarm conditions. Users can monitor and configure DataGarrison devices remotely with an easy-to-use online interface at DataGarrison.com. Up to ten Spinel 2MP RS-485 cameras can also be attached to capture and transmit photos.

All DataGarrison Stations are designed to survive in harsh environments—from -40 to 80 degrees Celsius and at any humidity level. The durable weatherproof enclosure is NEMA 6 rated and includes a GORE™ vent to keep moisture out. Mounting hardware is constructed from corrosion-resistant galvanized steel.

Proprietary smart-charging technology automatically compensates for temperature variations, maximizing DataGarrison's battery life and power storage capacity. Power level is monitored and transmitted with sensor data for continuous monitoring.

Specifications	
Temperature Range	Temperature Range -40 to 80º C (-40 to 140º F). Optional industrial battery packs available for harsh environments.
Power	A 3 Watt solar panel and the optional 7 AH rechargeable battery pack are designed to last up to 15 years.
Solar charging	Temperature compensated charging voltage optimizes battery life and performance. Typically requires an average of one to two hours of direct sunlight per day.
Weight	2.8 kg (6 lbs)
Dimensions	20 X 15 X 10 cm (8 X 6 X 4 inches)
Environmental Rating	NEMA 6 weatherproof
Communication	Bluetooth (DataGarrison App), SDI-12, Modbus, HOBO, and two serial ports
Smart Sensor ports	Six HOBO ports available
Average power consumption	Satellite linking/transmitting/receiving (70 mA) and sleep (1.1 mA)
LED's	Five LED's on main circuit board indicate Power, In Range, Receiver On, Low Battery, and Bluetooth connection status.
Server updates (satellite xmission frequency)	User configurable from every 5 minutes to once a month
Minimum recommended logging interval	every 5 minutes
Remote alarms	User configurable low battery alarm and high/low sensor value alarms Average sensor alarm latency: logging interval plus 30 seconds during typical network conditions.
Remote control	Can be controlled over the Internet. Functions include setting alarm limits and changing the data logging or transmission intervals.
Data formats	Tab-delimited text
Data access	Raw data is accessible from any Web browser via a password-protected, secure SSL connection. Live plots can be configured and viewed from the same online account.
Mounting	Sun-facing wall or pole. Sold with clamps for mounting on poles from 1.5 to 2 inches in diameter.
Frequency	1616 to 1626.5 MHz
Satellite Network	Iridium Satellite Constellation
Coverage	Works throughout the world in areas with lines of sight to the sky
Federal specifications	FCC certified for use in the U.S. and authorized for use throughout the world. Call for details regarding worldwide operation.
Enclosure Access	Hinged door secured by two latches, which can be further secured with user-supplied padlocks.

Upward Innovations Inc.
233 Harvard St., Suite 316
Brookline, MA 02446

Phone: 877-943-4328

Email:
info@datagarrison.com
sales@datagarrison.com

About Upward Innovations

- Upward Innovations Inc. develops and manufactures remote data retrieval systems. Their environmental monitoring stations can operate virtually anywhere on earth via satellite and cellular data networks.
- NEW: Up to ten cameras can now be connected to DataGarrison stations for remote photo capture and transmission.
- All systems include fully automated field-to-Internet data transfer, remote alarming, real-time plotting and 24/7 data access.
- Users are provided with password-protected accounts and SSL encryption for data transfers from the secure DataGarrison™ data center.
- DataGarrison.com is a secure, online repository for data and information. It is a wholly owned subsidiary of Upward Innovations Inc. and boasts SSL encrypted data retrieval. All Upward Innovations Inc. stations are Internet-ready and plug-and-play with the DataGarrison.com data center.