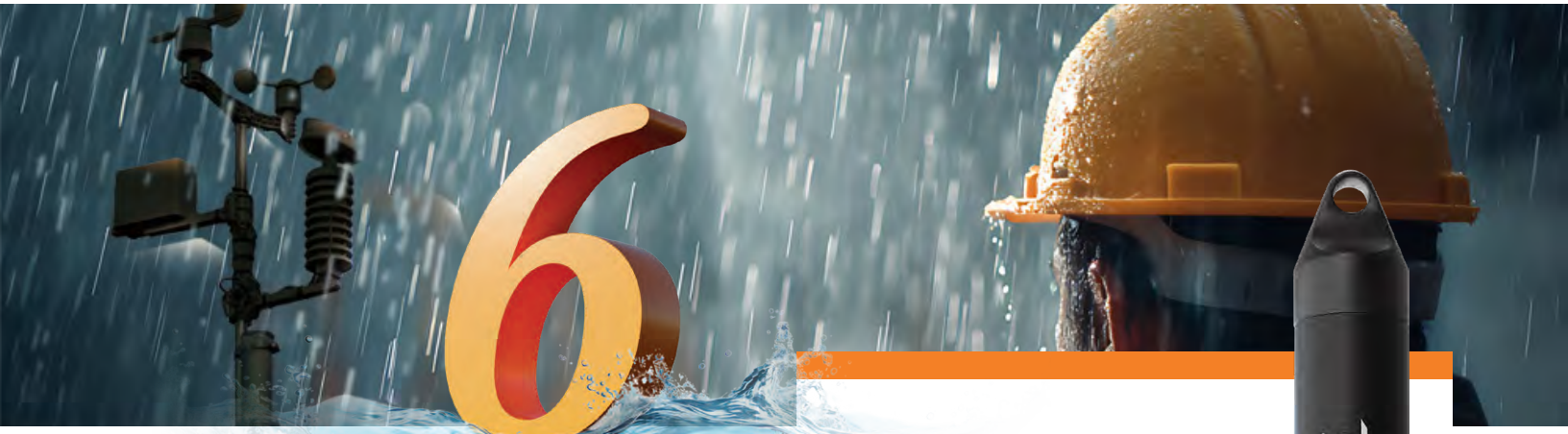

Rainlogger 6

The Rainlogger 6 is an inexpensive datalogger designed to record the tips of a standard tipping-bucket rain gauge. This compact and durable field unit offers long-term reliability and convenience with a battery that lasts up to 10 years, and ESD (electrostatic discharge) protection with an ABS housing.

The event time stamp and total rainfall per time period is logged in non-volatile memory, which holds up to 100,000 readings. Sampling is event based, as the Rainlogger 6 records and saves each tip of the tipping-bucket as it happens.

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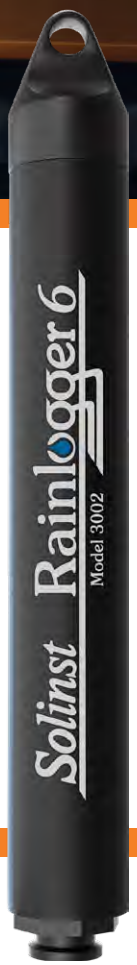
Detailed Data

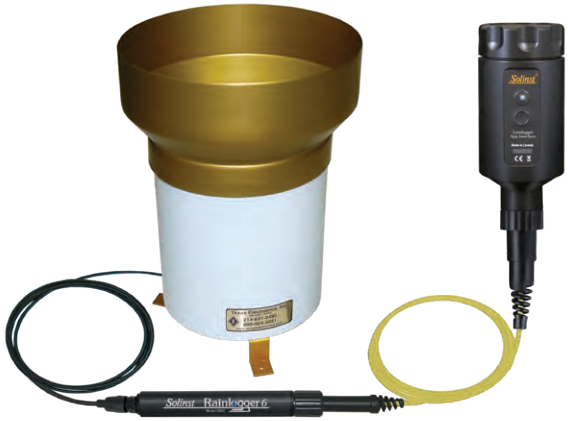
Levelogger customers can add rainfall data to their water level monitoring networks using the intuitive Levelogger Software. The Rainlogger 6 provides easy incorporation of precipitation data into existing Levelogger data. Rainfall data can allow correlation between precipitation events and changes in groundwater or surface water levels.

The Rainlogger 6 is compatible with all Solinst Levelogger 6 communication and deployment accessories. Logged data can be downloaded direct to a PC, your smart device using the Solinst Levelogger App, or to a DataGrabber data transfer device. This versatile logger has the ability to integrate into a Solinst Telemetry System and has the option to communicate using SDI-12 or MODBUS protocol.

Rainlogger 6 Applications

- Measuring local precipitation
- Determining peak rainfall events
- Stormwater management
- Remote monitoring of watersheds
- Ideal for correlating precipitation events to:
  - Groundwater and surface water data
  - Watershed and drainage basin studies
  - Agricultural and forestry studies





Rainlogger 6 Technical Specifications

Battery Life	10 years (typical)
Clock Accuracy (typical)	+/- 1 minute/year
Operating Temperature	-20°C to 80°C
Maximum # Readings	100,000 readings, separate dedicated backup memory for latest 500 readings
Communication	Optical high-speed: 9600 bps, 57600 with USB Desktop/Field Reader, 19.2k with Mk3 USB-C PC Interface Cable
Sampling Mode	Event Based, Real Time View
Sampling Rate	Variable – records each tip
Size	22 mm x 160 mm (7/8"x 6.3")
Weight	50 grams (1.8 oz)
Wetted Materials	ABS, Delrin®, Viton®
Rain Gauge Requirement	Standard tipping-bucket with normally-open or closed style reed switch output

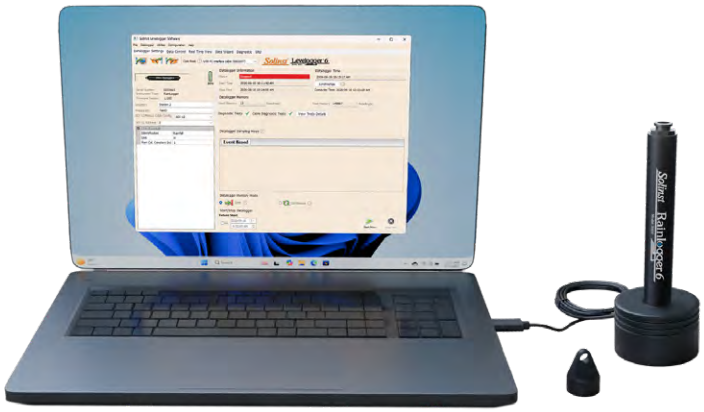
Rainlogger 6 Advantages

- High-speed, reliable communication
- ABS housing provides excellent ESD protection
- Memory for up to 100,000 time stamped readings, separate dedicated backup for latest 500 readings
- Low maintenance with 10 year battery (typical)
- Designed to be used with most tipping-buckets
- Compatible with Solinst Telemetry Systems

Rainlogger 6 Operation

The Rainlogger 6 is simply programmed with the user-friendly Levelogger Software. A Field Reader or Desktop Reader connects the Rainlogger 6 to a laptop or desktop PC and the Levelogger Software automatically detects the attached Rainlogger. The Rainlogger 6 is easily deployed in the field, using a 3-pin connector cable attached to the rain gauge.

Data downloading can be 'All Data', 'Append Data', or 'Partial Download' at any time. Data can be displayed in graph or table format and exported to other programs. The Rainlogger 6 has self-test capability, reliable backup memory and the ability to upgrade firmware.



Levelogger App Interface

A smart alternative for programming, data collection, viewing and sharing, is the Levelogger App Interface that uses *Bluetooth*® wireless technology to connect all Solinst dataloggers to your smart device using the Solinst Levelogger App (see Model 3001 Solinst Levelogger App Interface data sheets).

Download on the App Store

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