

RAIN101A SPECIFICATIONS*

Accuracy:	±4% over range of 1" to 6" per hour
Orifice:	8" dia. (204mm dia.)
Reed Switch Contact Rating:	3W, 28VAC
Rainfall Per Bucket Tip	0.01" (0.254mm)
Mounting:	(3) 1/4" dia. holes on 9.5" dia. circle
Reading Rate**:	4Hz to 1 every 24 hours
Memory:	406,323 readings; software configurable memory wrap
Wrap Around:	Yes
Start Modes:	<ul style="list-style-type: none"> • Immediate start • Delay start up to 18 months • Multiple pushbutton start/stop
Multiple Start/Stop Mode:	Start and stop the device multiple times without having to download data or communicate with a PC
Multiple Start/Stop Mode Activation:	<p>To start the device: Press and hold the pushbutton for 5 seconds, the green LED will flash during this time. The device has started logging.</p> <p>To stop the device: Press and hold the pushbutton for 5 seconds, the red LED will flash for three seconds and then the green LED will flash for two seconds. The device has stopped logging.</p>
Real Time Recording:	The device may be used with PC to monitor and record data in real-time
LED Functionality:	<p>Green LED blinks: 10 second rate to indicate logging 15 second rate to indicate delay start mode</p> <p>Red LED blinks: 10 second rate to indicate low battery and/or full memory</p>
Password Protection:	An optional password may be programmed into the device to restrict access to configuration options. Data may be read out without the password.

Battery Type:	3.6V lithium battery included; user replaceable
Battery Life:	10 years typical, dependent upon frequency and duty cycle
Graph display of the device recording in a 25°C environment.	
Time Accuracy:	±1 minute/month (at 20°C/68°F, stand alone data logging)
Computer Interface:	USB (interface cable required); 115,200 baud
Software:	XP SP3/Vista/Windows 7
Operating Environment:	-20°C to +80°C (-4°F to +176°F), 0%RH to 100%RH
IP Rating:	IP65
Dimensions:	<p>Rain Gauge: 12.0" x 8.4" dia. (305mm x 214mm dia.)</p> <p>Weatherproof Enclosure: 3.5"x2.9"x1.1" (87mmx73mmx27mm)</p>
Construction Materials:	Funnel: anodized aluminum; base, body and bracket Tipping Bucket: PVC
Weight:	Rain Gauge: 10 lbs (4.5kg) Enclosure and data logger: 9 oz. (254g)
Materials:	ABS Plastic
Approvals:	CE

BATTERY WARNING: FIRE, EXPLOSION, AND SEVERE BURN HAZARD. DO NOT RECHARGE, DISASSEMBLE, HEAT ABOVE 212°F, INCINERATE OR EXPOSE CONTENTS TO WATER.

**Device will record 1 event per reading interval.

ORDERING INFORMATION

MODEL	DESCRIPTION
Rain101A	Rainfall data logging system, includes a tipping-bucket rain gauge, data logger, weatherproof enclosure, 20' of cable and the IFC200 interface cable and software package.
IFC200	Software, manual and USB interface cable
LTC-7PN	Replacement battery for Rain101A

ASK ABOUT OUR OTHER DATA LOGGERS

- Temperature
- Humidity
- Pressure
- pH
- Level
- Shock
- LCD Display
- Pulse/Event/State
- Current
- Voltage
- Wireless
- Intrinsically Safe
- Spectral Vibration
- Motion