Spectrum®
Technologies, Inc.
"To Measure Is To Know"

WatchDog®

Cellular Rain Station - Model 4105

(Records and Transmits Rainfall Data)



Model 4105
(LTE-M)

HOW IS RAINFALL IMPACTING YOUR MUNICIPALITY?

Collect real time, site specific rain data to prevent flooding, reduce run off and manage pumping stations

The 8-inch diameter Rain Collector meets the specifications of the National Weather Service. The collector is freeze-proof and designed for years of accurate, trouble-free service. Includes U-bolts (2) for mounting to a 1.25" pole.

The 4105 Cellular Rain Station is solar powered and can function wherever an LTE-M signal is available. Rain data is transmitted to our cloud software platform, SpecConnect and visible on the WatchDog Mobile App.

FEATURES & BENEFITS

- Industry-leading rain measurement accuracy
- Built-in solar power
- Automatic selection of LTE-M or NB-IoT cellular communication at installation
- Easy, quick assembly

Rain Station (4105) Specifications

Rain Resolution	0.01in (0.254mm)
Rain Accuracy	±2% at < 2in (5cm) per hour
Operating Temperature	-40° to 185°F (-40 to 85°C)
Cellular Radio Technology	LTE-M and NB-IoT (auto-selected)
Cellular Radio Frequency	Region Specific: US915, EU868, AU915, AS923
Power Source	3,000mAh rechargeable Li-ion battery with integrated solar panel
Sampling/Transmit Interval	15 minutes/ 2 hours
Water Resistance	IP67

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4105 WatchDog Wireless Cellular Rain Station



APPLICATIONS

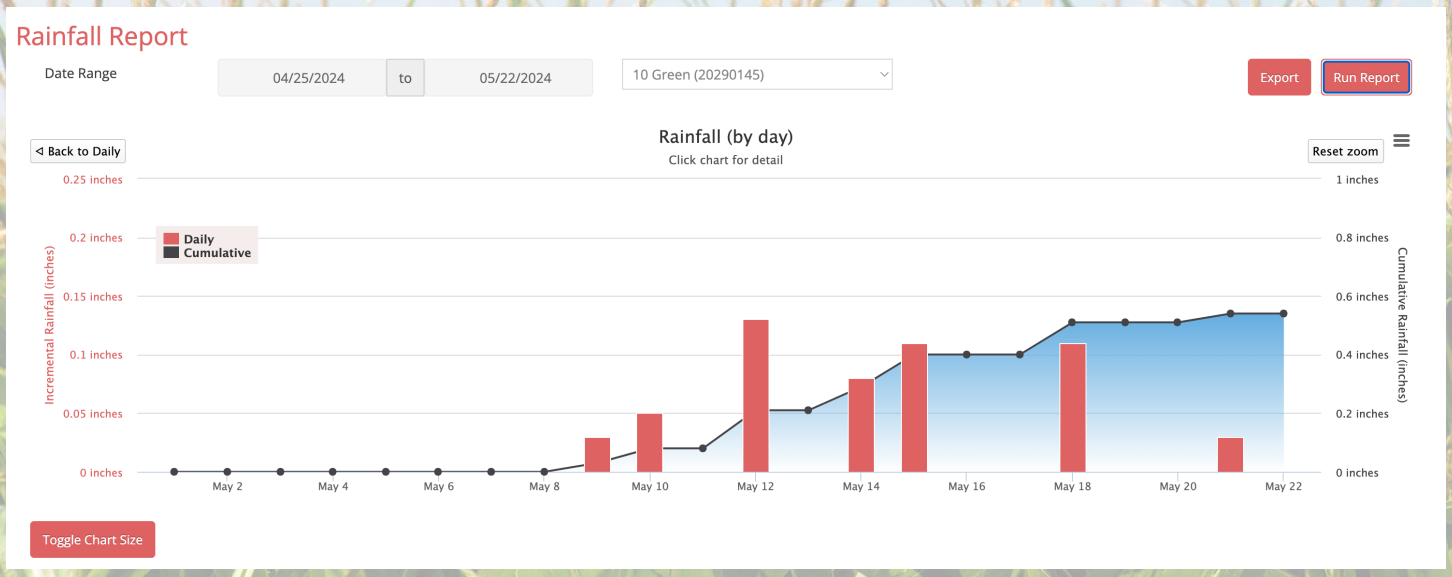
- Field-based rain data relates to crop yield
- Schedule field and job-site activities based on rainfall data
- Storm water management for municipalities
- Monitor playability of golf courses and sports fields

FEATURES

- Built-in solar panel
- Automatic selection of LTE-M or NB-IoT cellular communication at installation
- Easy, quick assembly
- Rain Alerts sent by text, email or phone call

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Setup of the station is quick and easy through the WatchDog Mobile App. Once activated, you're able to view current rain conditions from anywhere.

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