

The IRROcloud® IC-10 Sensor Monitor is a battery-powered, cellular-enabled sensor reading solution. Designed for easy outdoor installation, the IC-10 can read up to ten sensors including soil moisture, air and soil temperature, irrigation events, and tipping bucket rain gauges. Data is recorded hourly and transmitted every other hour to the IRROcloud® web application accessible from any connected device. Data displayed on IRROcloud® allows for easy interpretation of status and trends to help growers enhance irrigation water use efficiency.

IC-10 Features:

- Pre-configured sensor ports
- No sensor calibration
- No installation height requirement
- No solar panel required
- Direct cloud connection, no additional hardware
- Data available on any web device
- Internal antenna

IRROcloud® Features:

- Data available in real-time from any mobile device or computer
- Quick View Dash: Device and sensor status with adjustable thresholds
- Graphing Suite: Interactive graphing function for detailed analysis
- Mapping: Allows for quick visualization of device location and status
- Data Control: Administrative tools to share access with multiple users
- REST API available for integration with other systems Frost alerting option



Specifications:

WEIGHT: IC-10: 2.10 lb / 0.95 kg IC-10-IR : 2.60 lb / 1.17 kg
DIMENSIONS: H x W x D: 10.25 x 5.25 x 3.30 inch / 260.35 x 133.35 x 83.82 mm
POWER: Four C cell alkaline batteries, 2+ years life
FROST ALARM (Optional): 34°F (1.1°C), via Text Message
MOUNTING: Integral molded flanges with multiple hole options
COMPLIANCE: FCC (USA) & IC (Canada)

CELLULAR: LTE-M (CatM1) & NB-IoT

- Up to 23dBm transmit power
- Receive sensitivity dBm: LTE-M -105, NB-IOT -113
- Bands 1,2,3,4,5,8,12,13,18,19,20,25,26,28,29

SENSOR OPTIONS:

- 6 Soil Moisture Sensors, either:
 - 200SS Watermark
 - IRROMETER RSU-V Tensiometer
- 1 200TS Soil Temperature Sensor
- 1 200AT Air Temperature Station (frost alert capable)
- 1 Irrigation On/Off Switch
- 1 Tipping Bucket Rain Gauge (0.01" rain / tip)



Ordering Information:

Available as a data logger only (with no included sensors) or bundled with a sensor package:

CAT#	Description
IC-10	IRROcloud® Sensor Monitor (without sensors) for reading Watermark 200SS sensors
IC-10-IR	IRROcloud® Sensor Monitor (without sensors) for reading IRROMETER RSU-V Tensiometers
IC-10-PRO	IRROcloud® Sensor Monitor with 6 200SS Watermark sensors, 1 200TS Soil Temp sensor, and 1 PPS Pressure Switch