

Viridix

Sense – Analyze - Act



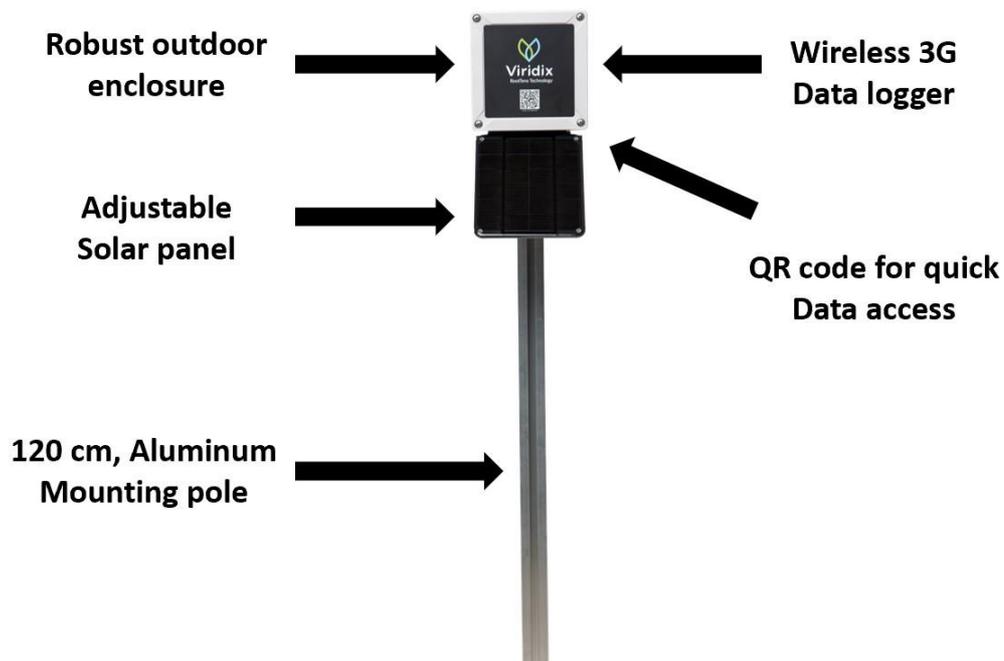
Product Overview

- Viridix is a professional precision irrigation decision support system that helps farmers irrigate based on data collected from the field
- Powered by the Root-Tens sensor that collects highly accurate water potential data, in real time
- The data is processed by an algorithm that highlights every important event and displays them on the Viridix mobile app and website
- The System provides the user with insights, and options for alerts for important events.

Root-Tens Water Potential Probe



Water potential range	0 – 100 centibar
Ground temperature	✓
Maximum depth	Up to 150cm
Multi Depth Sensing	✓
All soil types	✓
All crop types	✓
All water types	✓
Very low need for maintenance or calibration	✓
Horizontal or vertical installation	✓
Operating Temperature	2-50°c
Probe cable length	3m
Accuracy	±0.1 centibar
Sensor Dimensions	120 x 28 x 28 mm
Resolution	0.5 centibar
Sensor sampling time	Up to 3 min

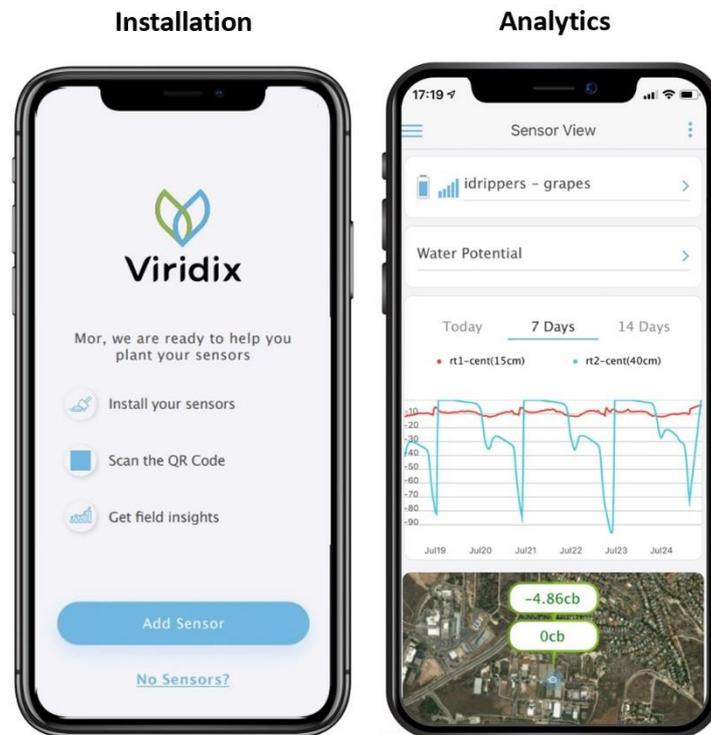


- Cellular 3g/2g connected logger
- Agriculture grade robust IP67 data logger
- Internal rechargeable 4400mAh battery that works without sunlight for around 2 months
- Adjustable 2w solar panel, 1h of sun per day will keep the battery Fully charged
- 120cm Aluminum poll for easy and flexible installation
- QR code for quick data reading with mobile phone
- Mobile app for easy installation



Number of water potential sensors	Up to 2
Communication	Cellular 3g/2g
Solar panel	2w
Poll height	120cm
Measurement Transmission Time	Real time experience
Weather and waterproof	✓
Bands	Band VIII (900 MHz) Band I (2100 MHz)
UE Class	Class A
Power Class	Class 3 (24 dBm) for all band
Re-chargeable Internal battery	4400mAh

Mobile App



- Mobile app for easy installation
- Easy to use interface
- Analyses the sensors data and gives actionable insights that anyone can understand
- Analyzes irrigation data over time
- Monitors all fields in the organization
- Invite other users to manage your fields
- Go to Sensor through Google Maps or Waze

Web Analytics



- Easy to use web user interface
- Soil water potential historical graph
- Multi Depth soil graph to visualize soil dehydration
- Full satellite view of all your fields
- Invite other users to your organizations' dashboard
- SMS Alerts according to important events
- Weather

Mobile App and Web features



	Mobile App	Web Analytics
Easy to use interface	✓	✓
Soil water potential historical graph	✓	✓
Multi depth visual soil graph		✓
Monitor all fields in the organization	✓	✓
Invite other users to your organizations' dashboard	✓	✓
Go to Sensor through Google maps or Waze	✓	
Easy installation guide	✓	✓
Actionable insights	✓	✓
Full satellite view of all your fields	✓	✓
Alerts		✓
Weather		✓