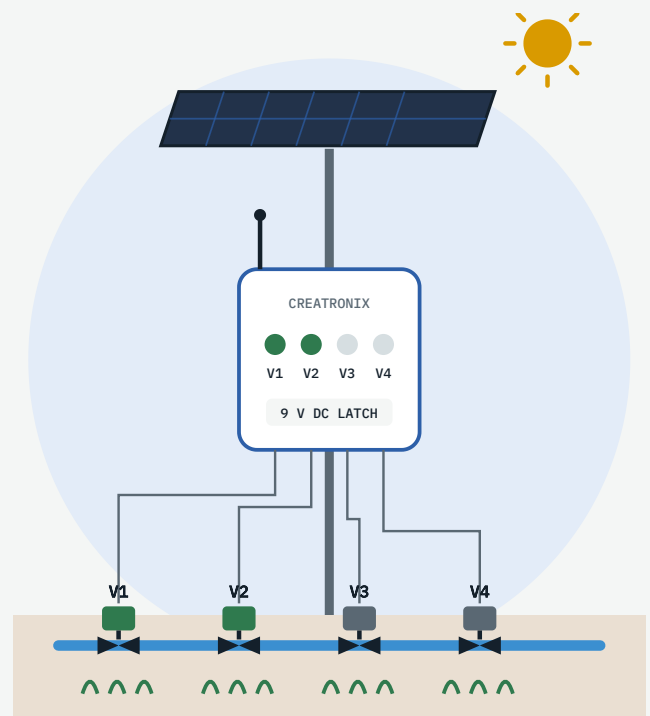




Irrigation Valve Controller

A fully solar-powered controller that opens and closes up to four drip irrigation valves and links wirelessly to the Creatronix Pump Controller. Schedules, pump control and valve status all live in one mobile app.

- Fully solar powered, panel included
- Controls four 9 V DC latching solenoid valves
- Two-way wireless link to the Pump Controller
- Ready for soil, weather and other sensors

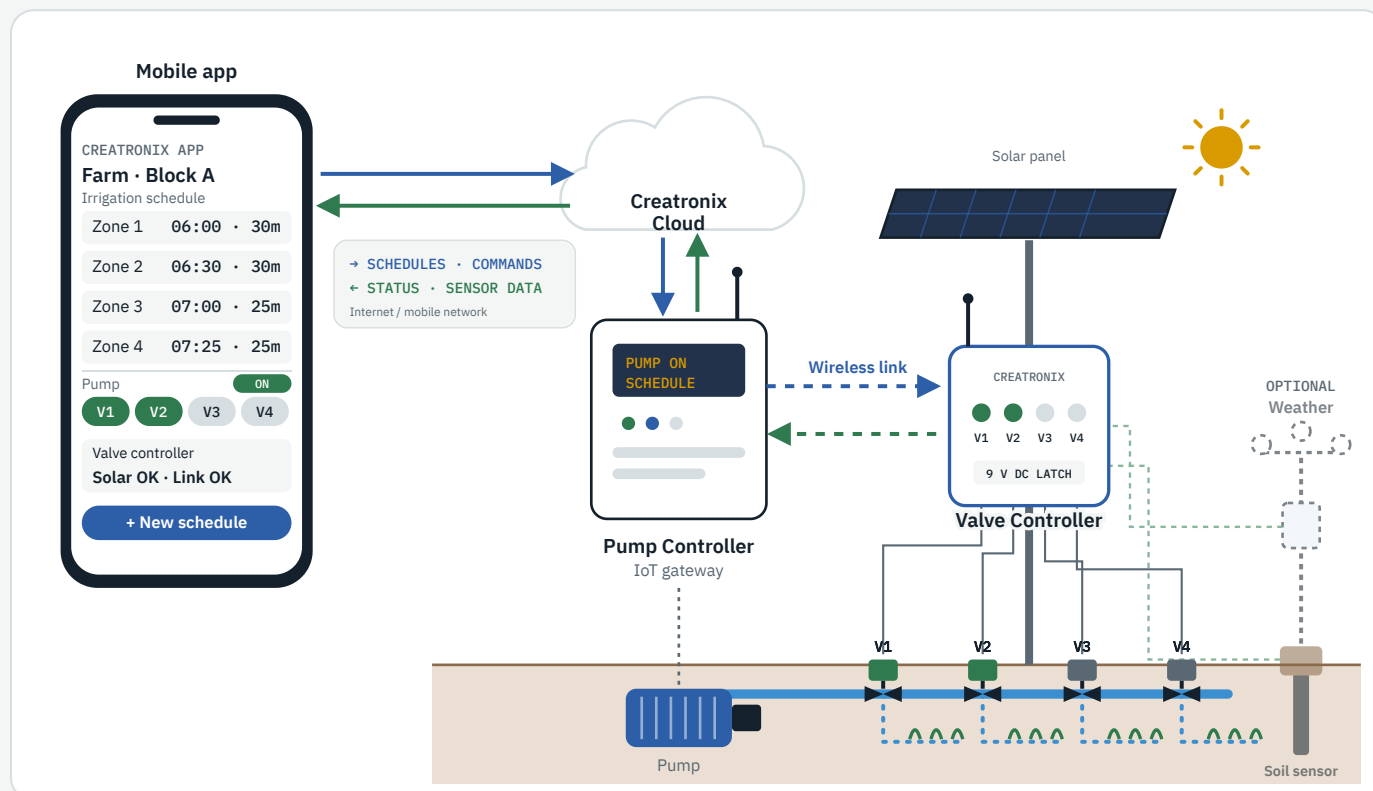


VALVE OUTPUTS 4 independently controlled	VALVE TYPE 9 V DC latching solenoid	POWER Solar panel included	CONNECTIVITY Wireless to Pump Controller	SENSORS Sensor ready soil, weather & more
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From the app to every valve, and back

The Valve Controller has no internet connection of its own. The Pump Controller is the IoT gateway: it carries your schedules and commands out to the field and brings status back to the Creatronix cloud and app.



— Schedules and commands, app to field — Status and sensor data, field to app

App screen is illustrative



Create irrigation schedules

Set start times and run durations for each valve zone from the app.



Manage the pump

Start and stop the pump through the Pump Controller and see its status.



Control four valves

Open and close each 9 V DC latching valve on its own or by schedule.



Sensor ready

Add soil or weather sensors later; their data uses the same wireless link.

APP ↔ CLOUD

Mobile network

Schedules and commands go up; status come back to the screen.

CLOUD ↔ PUMP CONTROLLER

Internet gateway

The Pump Controller receives instructions and pushes field data to the Creatronix cloud.

PUMP ↔ VALVE CONTROLLER

Wireless link

Valve commands go out to the field; valve status return.



Built for drip irrigation in the field



Fully solar powered

Ships with its own solar panel. No mains cable to lay to the far end of the field.



Four valve zones

Drives four 9 V DC latching solenoid valves, each controlled independently.



Wireless to the pump

Two-way wireless link with the Pump Controller for commands and data.



Data in the cloud

The Pump Controller pushes valve data to the Creatronix cloud.



Run it from your phone

Farmers and farm owners view the field and manage irrigation in the mobile app.



Sensor ready

Soil, weather and other sensors can be added at any time.

Add sensors when you are ready

The controller accepts soil sensors, weather sensors and other field sensors. Their readings travel over the same wireless link to the Pump Controller and appear in the app. Ask us about the Sensor edition.

How one cycle runs

01

Plan

Create a schedule in the app for the pump and each valve zone.

02

Send

The cloud passes it to the Pump Controller, which relays it wirelessly to the Valve Controller.

03

Irrigate

The pump runs and the controller switches its four latching valves in turn.

04

Report

Valve status flow back to the cloud and the app.

Plan a drip system with Creatronix

Write to us for pricing, a field visit or a pilot installation.

info@creatronix.in