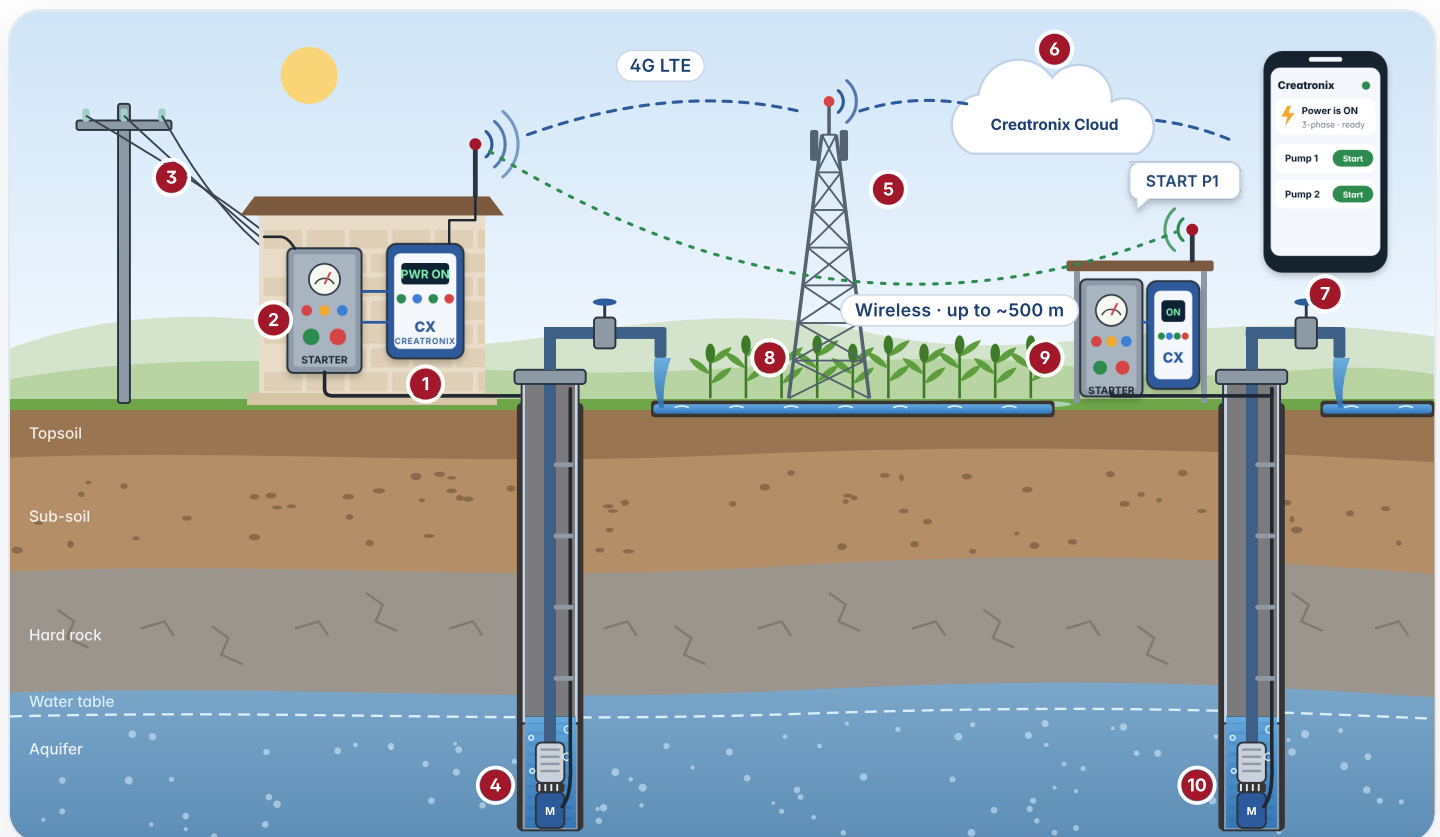


**Product 03 · Smart Irrigation**

Wireless Multi-Pump Controller

Two borewells. One SIM. One app.

Many farmers run two borewells to flood-irrigate open fields. The Wireless Multi-Pump Controller pairs a 4G main controller with a secondary unit at the second borewell, up to around 500 m away, so a single SIM card alerts, controls and protects both pumps.



- | | | | | |
|---|--|---|---|--|
| 1 Main controller
4G + wireless, holds the only SIM | 2 Starter, pump 1
Existing starter at borewell 1 | 3 3-phase grid
Sensed at each site | 4 Pump 1
Submersible in borewell 1 | 5 4G network
One connection for the farm |
| 6 Creatronix cloud
Both pumps in one account | 7 Farmer's phone
Pump 1 and Pump 2 side by side | 8 Open field
Flood irrigation from both wells | 9 Secondary unit
All features except 4G, no SIM | 10 Pump 2
Second borewell, ~500 m away |

**One SIM for both pumps**

Only the main unit needs 4G and a SIM.

**Wireless up to ~500 m**

Secondary unit links to the main controller.

**Full protection on each**

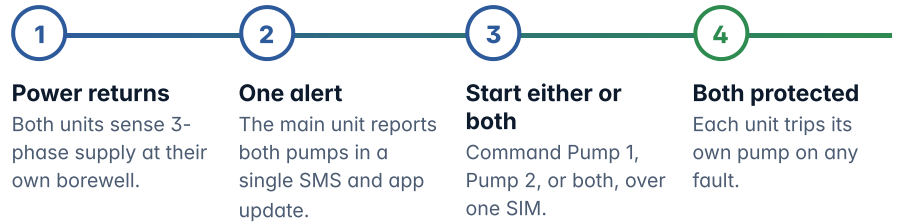
Every safety feature on both pumps.

**Independent schedules**

Run pumps together or one at a time.

**WHY IT MATTERS****Built for how power really reaches farms**

A second borewell normally means a second controller, a second SIM and a second recharge. Yet both wells serve the same field and the same farmer. The secondary unit removes the duplicate connection without giving up any protection.

HOW IT WORKS**PROTECTION BUILT IN****Your motor is the most expensive part. We guard it.**

Dry-run protection
Stops the motor when the borewell runs dry or the pump loses water, before the winding overheats.

Rotor-stuck (locked rotor)
Detects a jammed rotor at start-up and cuts supply instead of letting the motor burn out.

Wire-cut & single-phasing
Trips instantly on a cut cable or a missing phase, a leading cause of burnt submersible motors.

Over / under voltage
Holds the pump off while the supply is outside the safe band, and restarts only when it recovers.

Phase imbalance
Watches all three phases and protects the motor from unbalanced rural supply.

Overload / over-current
Trips on sustained over-current from choked pipes, sand or a failing bearing.

TWO UNITS, ONE CONNECTION**Main unit vs secondary unit**

Capability	Main unit	Secondary unit
4G LTE + SIM	✓	✗
Power-availability sensing	✓	✓
SMS / app start, stop, status	✓	✓
Hourly schedules	✓	✓
Full motor protection (all six)	✓	✓
Wireless link (up to ~500 m)	✓	✓

AT A GLANCE**Key specifications**

Units	1 main (4G) + 1 secondary (wireless)
Range	Up to ~500 m between borewells
SIM	One SIM for both pumps
Control	SMS + Creatronix mobile app
Scheduling	Independent hourly schedules
Protection	Full set on each pump

GROWS WITH YOUR FARM**One platform, three steps**

1 Pump Controller
One pump, 4G, SMS + app

2 Multi-Pump
Add a second pump on the same SIM
THIS PRODUCT

3 With Sensors
Becomes your farm IoT gateway