



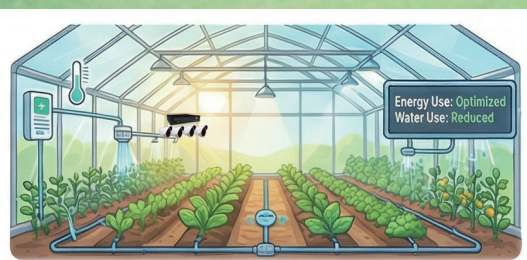
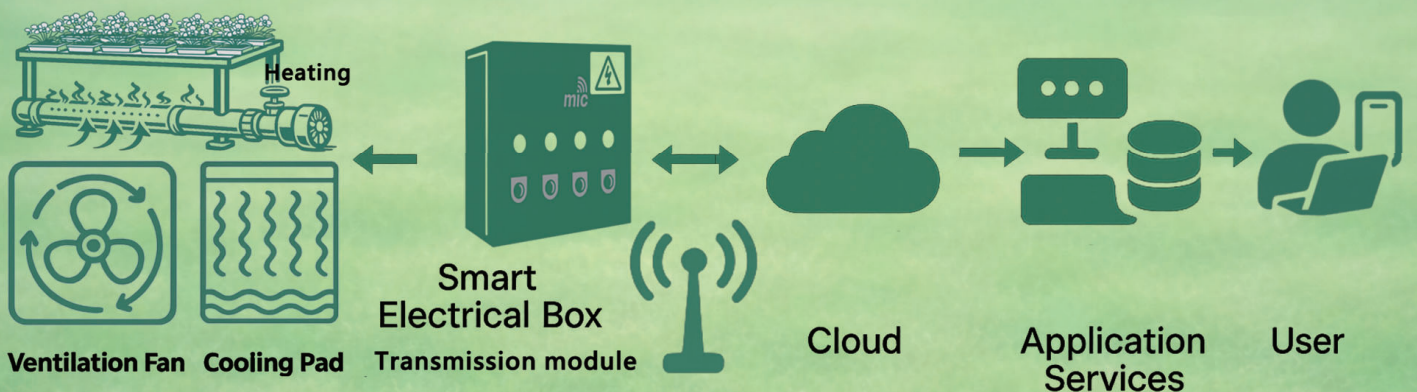
AGRICULTURE INTEGRATED REMOTE CONTROL SYSTEM



Full replacement of old control panel

Integration with existing wiring system

(Electrical Control Cabinet) System Architecture



Agriculture: Growing More with Less
Optimize climate and irrigation management to reduce energy consumption and maximize yield.

Energy Efficiency & Yield Maximization



MIC METER INDUSTRIAL COMPANY

ADDRESS: No.115 2ND STREET LONG-ZHEN NAN TUN DISTRICT TAICHUNG CITY TAIWAN

TEL: 886+4+23751881 www.meterindco.com.tw web@meterindco.com.tw



AGRICULTURE INTEGRATED REMOTE CONTROL SYSTEM



IoT Smart Remote Control Electrical Box

The Smart Remote Control Electrical Box is an IoT-enabled power management and remote control system designed for agriculture, aquaculture, and livestock farms. It allows users to remotely control and monitor electrical equipment such as aerators, feeders, pumps, lighting systems, and environmental control devices through mobile APP and cloud platform.

With built-in wireless communication (WiFi / 4G optional), the system provides real-time equipment status, power monitoring, and instant alerts for abnormal events such as power failure, phase loss, or network disconnection. The waterproof and durable enclosure ensures stable operation in harsh outdoor and industrial environments, enabling farmers to reduce manual labor, improve operational efficiency, and achieve smart farm management.

The system also supports scalable expansion and flexible integration with existing farm electrical infrastructure, making it easy to upgrade traditional power control systems into smart IoT-enabled management platforms. This future-ready design allows farmers to gradually expand control points and functions as farm operations grow, ensuring long-term investment value and seamless system upgrades.



IoT REMOTE CONTROL SPECIFICATION

IoT Smart Remote Control Electrical Box	
Control Function	Remote Power ON/OFF control for electrical equipment
Control Method	Mobile APP / Cloud Platform
Communication	WiFi / 4G (Optional)
Cloud Platform	MIC Cloud
Mobile APP	Android / iOS
Real-time Monitoring	Equipment status monitoring
Alarm Notification	Power outage / Phase loss / Network disconnection (LINE notification)
Scheduling Control	Timer ON/OFF setting
Control Channels	3-channel / 4-channel (customizable)
Integration	Compatible with temperature, humidity, CO ₂ , ammonia sensors
Enclosure Type	Waterproof industrial enclosure
Enclosure Material	ABS (Indoor) / Stainless Steel (Outdoor option)
Installation	Indoor / Outdoor
Box Dimension	320 * 410 * 130 mm
Weight	4.5 kg
Application Scenarios	Aerator, Feeder, Pump, Lighting, Sprayer control
Operating Environment	Farm, Greenhouse, Pond, Livestock house