Product Parameters

Parameter	Specification
Input Voltage	AC 90V-240V
Input Voltage Frequency	AC90V-240V; 50Hz/60Hz
RS485 Controllable Devices	Heat pump, Water pump, Salt Chlorinator, Automatic Multiport Valve, Swim jet
DMX512 Control Devices	Lights (with DMX512 protocol encoder)
Connectable Devices	Heat pump, Water pump,Salt Chlorinator, Automatic Multiport Valve, Swim jet, Lights, Pool cover, 4 custom relays (spare)
Relay controllable Devices	4 relays (Water features, Water pumps, etc. ON/OFF only)
Max. Contact Rating	6A / 230V AC
Communication	Wi-Fi + TCP (Wired)
OTA Updates	Supported
Operating Temperature	-10℃~50℃
Ingress Protection	IP65
Installation	Indoor/outdoor wall-mounted

iGarden

AI GARDEN. AI ALL.

iGarden Central Control

iGarden Service Portal

iGarden Ecosystem

iGarden App

Central Control

Valve

Pool Light

Waterscape

Pool Cover

On/Off Pump

Landscape Lighting

AI Inverter Pump

AI Multiport Valve

AI Pool Heat Pump

AI Inverter Salt Chlorinator

AI Swim Jet
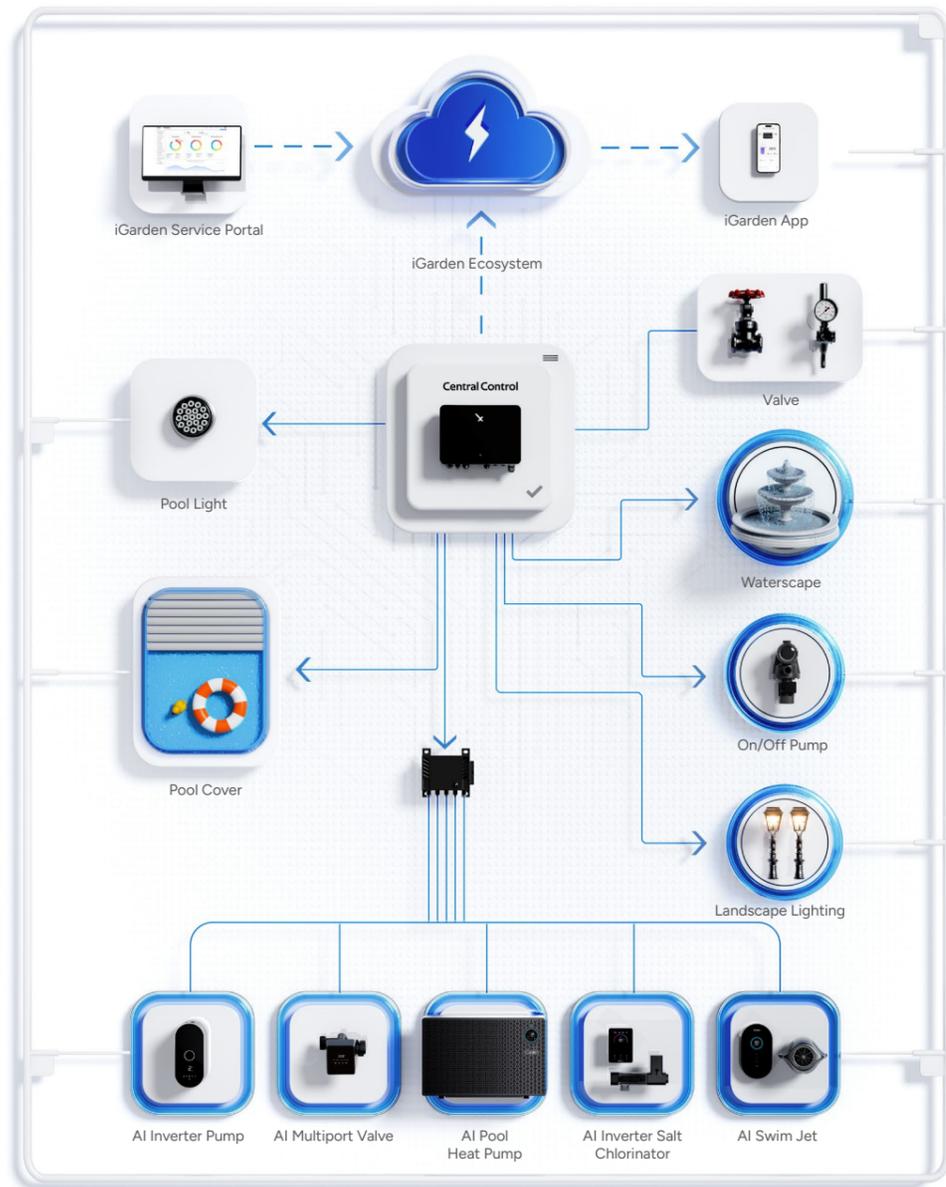
Superior Compatibility

100% iGarden devices mastery. Effortlessly integration with major third-party devices via DMX512, DI inputs, and RS-485.

Zero-Lag Stability

Instant response and zero-lag control via stable, wired RS-485 connection. Immune to Wi-Fi failures.

AI Inverter Pump
Speed
40%
• 8 m³/h Flow Rate
• 0.5 KW Power Consumption

AI Pool Heat Pump
Water Temperature
28°C
• 30% Capacity
• 0.6 KW Power Consumption

24/7 Privacy & Play

Reliable Offline Control protects all local data and ensure uninterrupted operation. Enjoy total peace of mind.

Built-in Expert Intelligence

Professional pool logic and advanced priority algorithms enables the industry's 1st one-touch "AI Scenes" control. Control your pool, not devices

Night Mode

Winter Protection

Auto-Leak Guard

Smart Backwash