



OMEGA -B

Make Any Valve Smarter

Product Launch 2026

We are a global leader in connected water-flow solutions, bringing smart, innovative technologies that optimize, protect, and enhance the performance of critical water systems worldwide.



Today

1965



Irrigation Main Product Lines



Over 5000 Controllers connected in more than 30 countries

- ✓ Argentina
- ✓ Australia
- ✓ Bolivia
- ✓ Brazil
- ✓ Bulgaria
- ✓ China
- ✓ Costa Rica
- ✓ Dominican Republic
- ✓ France
- ✓ Greece
- ✓ Guatemala
- ✓ Honduras
- ✓ India
- ✓ Indonesia
- ✓ Ireland
- ✓ Israel
- ✓ Italy
- ✓ Japan
- ✓ Korea
- ✓ Mexico
- ✓ Netherlands
- ✓ Norway
- ✓ Peru
- ✓ Poland
- ✓ Portugal
- ✓ Singapore
- ✓ South Africa
- ✓ Spain
- ✓ Thailand
- ✓ Tunisia
- ✓ United Kingdom
- ✓ United States
- ✓ Uzbekistan



The Challenges

- Remote and scattered valve locations
- Lacking power supply infrastructure
- Manually operated and hard to monitor
- Expensive or complex to retrofit with smart solutions
- Missing accurate water usage data



The Market Needs

- Affordable smart control for field valves
- Decentralized, standalone solutions
- Accurate metering and logging
- Simple infrastructure upgrade from manual to digital system
- No subscriptions or gateways



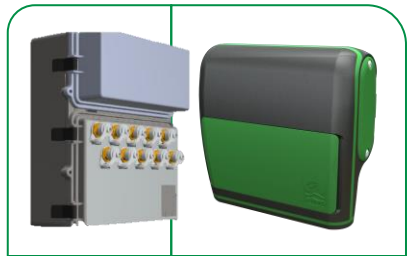
Introducing **OMEGA** -B

Smart Control Made Simple

- Controls one valve and one water meter
- Works standalone or with Omega ecosystem
- Communicates via BLE 5.1
- Syncs with BERMAD Cloud



SERIES: OMEGA



MODEL	LOCALIO			Communication		
	Outputs	Inputs		Modbus	Cellular	Bluetooth
	Latch	Digital	Analog			
OMEGA R	4	4	2	✓	Setup & Operation	Technician Mode
OMEGA M	9	8	2	✓	✗	Setup & operation
OMEGA L	13	4	2	✓		
OMEGA B	1	1	✗	✗	✗	Setup & operation

Key Capabilities

Complete Irrigation Intelligence



Time-based and volumetric irrigation

Precision scheduling with volume control for optimal water usage



Manual valve operation

Direct control of individual valves when needed



Weekly or cyclic programs

Flexible programming options for different irrigation needs



Built-in data logger (150K+ records)

Comprehensive system performance tracking and analysis



Up to 16 start times

Multiple daily start times for complex watering schedules



Flow, burst, and leak Control

Alerts for abnormal water usage patterns

Mobile App & Cloud



- BLE mobile app (iOS & Android)
- Multi-user, multi-language support
- Geo-referenced map & dashboard
- Automatic logs, alerts, and reports
- OTA firmware updates
- Works offline, Cloud syncs when connected



Why OMEGA B



Valve + water meter in one device

Integrated solution combining flow measurement and control in a single compact unit



IP68 outdoor rated

Rugged construction designed to withstand harsh environmental conditions



Fully wireless and battery operated

Self-contained power with long-life battery, eliminating wiring requirements



Compatible with BERMAD and standard market solenoids

Seamless integration with existing irrigation control systems



No subscription or hidden fees

One-time purchase with transparent pricing and no recurring costs



Scalable upgrade path into Omega platform

Future-ready architecture allowing expansion to full system capabilities

Integration with BERMAD valves



Omega B is available as independent controllers or installed on BERMAD valves, offering a full Plug-and-Play hydraulic control solution



Target Customers & Use Cases



Target Users

- Water consortiums
- Farmers and growers
- Irrigation integrators

Applications

- Remote and off-grid sites
- Distributed valve installations
- Upgrade existing infrastructure
- Water meters monitoring



Competitive Advantage



Other vendors

- No burst control
- No combined valve + meter intelligence
- Limited logging and cloud integration

OMEGA-B

- Smart control
- Precise water data
- Cloud-ready operation
- In a single affordable field device

OMEGA-B

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