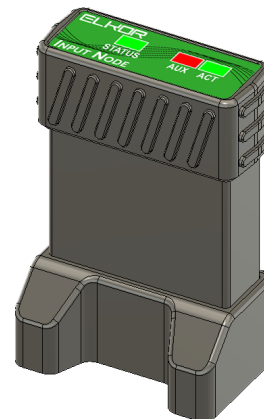


## 3-CH ANALOG/DIGITAL INPUT MODULE FOR WATTSOn-MCM

The WMC-IM is a versatile input module for the WattsOn-MCM platform, providing flexible measurement of analog and pulse signals. With three individually configurable input channels, the WMC-IM makes it easy to monitor transducers, sensors, and pulse-based meters alongside standard power and energy measurements. Built-in accumulation and scaling functions simplify setup and ensure reliable integration into your energy management system.

### FEATURES:

- Three configurable inputs
- Independent channel settings for 0–10 VDC, 0–20 mA, or pulse input for inputs from other devices (sensors, water, gas, or steam meters).
- Flexible scaling & accumulation, apply user-defined scaling factors to convert raw signals into engineering units such as flow, pressure, or consumption.
- Simple configuration eliminates complex programming while providing accurate, real-world values.
- Accumulates totals for pulse inputs (e.g. kWh, liters, or cubic feet)
- Seamless platform integration — Operates as part of the WattsOn-MCM system, sharing communications, and configuration tools with other modules.



### USE CASES & BENEFITS:

- **Multi-sensor integration:** Bring non-electrical signals (flow, temperature, pressure, etc.) into the same metering framework as power data.
- **Sub-metering expansion:** Combine pulse water or gas meters with electrical metering for holistic resource tracking.
- **Flexible deployment:** Configure each channel independently to fit site-specific needs.
- **Reduced complexity:** Scaling and accumulation handled inside the module means less reliance on external data processing.

### APPLICATIONS:

- Utility sub-metering (water, gas, steam, compressed air)
- Sensor integration (temperature, pressure, environmental monitoring)
- Industrial process monitoring
- Mixed-resource energy management

### SPECIFICATIONS:

INPUTS		ACCURACY	
Channels	Three independent per module	Voltage Mode	0.5%
Modes	Voltage, Current, Pulse	Current Mode	0.5%
Voltage Mode	0-10VDC	Pulse Mode Input Bandwidth	20 Hz
Current Mode	0-20mA or 4-20mA	Data Update Frequency	2Hz (every 500ms) for all parameters
Pulse Mode	Dry Contact inputs Wet Contact inputs (24V max)		
Scaling	User defined multiplication, division, offsets		
Accumulation	On-board totals for pulse inputs		

### ORDERING INFORMATION:

WMC-IM: Fully describes this product