

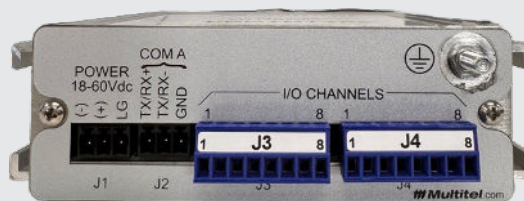


# SMX mini

The **SMX-mini** is a compact, industrial-grade **I/O expansion module** engineered to deliver reliable, cost-efficient, and signal acquisition for demanding environments. Designed to integrate seamlessly with the **iO Platform**, it simplifies deployment, enhances visibility, and provides the flexibility required to support modern remote monitoring applications.

Leverage real-time, **precision data to improve operational insights**, automate site supervision, and reduce unnecessary truck rolls. Whether deployed in telecom cabinets, utility sites, transport infrastructure, or industrial facilities, the **SMX-mini** enables smart, data-driven decision-making and enhances overall system reliability.

With its cost-optimized architecture, the **SMX-mini** lowers installation and maintenance expenses while expanding your monitoring capabilities making it the ideal choice for organizations looking to modernize their field infrastructure and extend the intelligence of the **iO Platform**.



Expand your monitoring capabilities with a rugged I/O module built for modern critical infrastructure

## FEATURES



Seamless iO Platform  
Integration



Compact and Rugged  
Design



Cost-Efficient  
Infrastructure  
Scalability



Real-Time Data  
Acquisition

# SPECIFICATIONS

## GENERAL SPECIFICATIONS

|                         |                                                                   |
|-------------------------|-------------------------------------------------------------------|
| Operating Input Voltage | 18 – 60 Vdc (Single feed)                                         |
| Operating Temperature   | -40 to +65°C [-40 to 149°F]                                       |
| Operating Humidity      | 5% to 90% RH Non condensing                                       |
| Dimensions              | 123.95 mm x 117.09 mm x 38.10 mm (4.88 in. x 4.61 in. x 1.50 in.) |

## COMMUNICATION / NETWORK INTEGRATION

|                     |                                          |
|---------------------|------------------------------------------|
| Serial Ports        | 1x RS-485                                |
| Protocol            | Modbus RTU                               |
| Device Server ID    | 1 to 99                                  |
| Communication Speed | 1200 to 115 200 bps                      |
| Rotary Switch       | 2x Device Server, 1x Communication Speed |

## I/O MODULE

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Binary Inputs         | 8x (+/- 70 Vdc)                                              |
| Binary Outputs/Relays | 4x Normally Open (NO)<br>Maximum Load Current: 2A per output |

## CERTIFICATIONS

|           |                                                  |
|-----------|--------------------------------------------------|
| Safety    | UL 62368-1:2014 Ed.2 CSA C22.2#62368-1:2014 Ed.2 |
| Emissions | FCC Part 15, Subpart B   ICES-003                |

**Smarter Control. Lower Cost. Higher Reliability.**

## KEY MARKETS



TELECOMMUNICATIONS



RAILWAY



POWER UTILITIES



CATV/BROADBAND

**Contact us today to discover how the SMX-mini adds powerful control features to your existing monitoring infrastructure.**

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Scalable control  
made simple.

Contact us today:  
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