COMPACT I/O MODULE

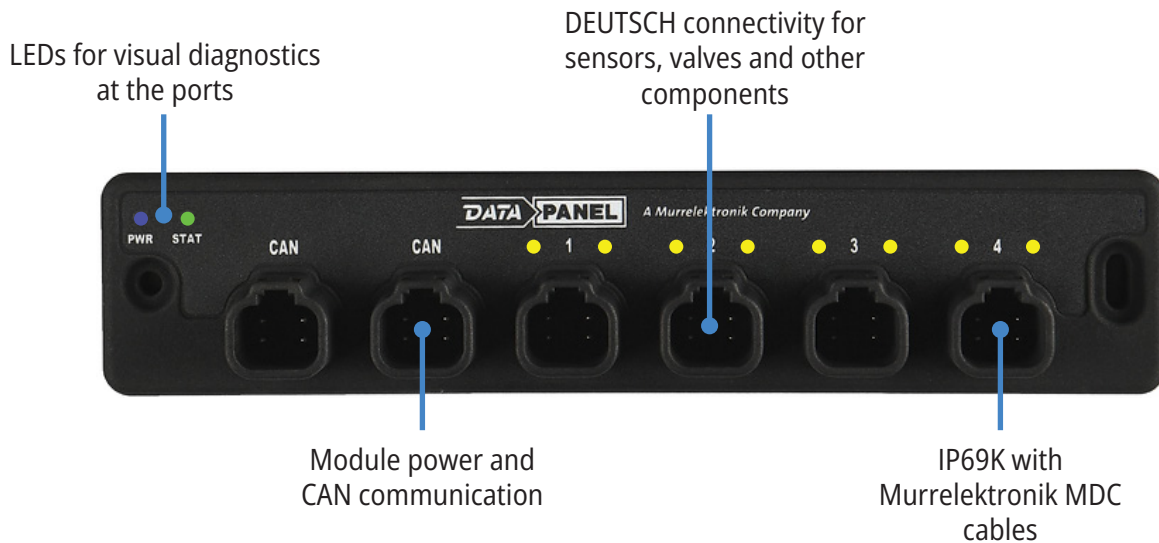## POINT-TO-POINT, RUGGED SOLUTION FOR DISTRIBUTED I/O SYSTEMS

WHAT IS XTREMEDBMINI?

The xtremeDB mini is an IP69K-rated, compact, and rugged solution designed to optimize I/O signal and power distribution in both on-highway and off-highway applications. Its small form factor allows for installation closer to I/O device locations, significantly reducing the length of cable runs and improving system diagnostics. This makes it an ideal solution for applications where space, durability, and performance are critical considerations.

Equipped with 8 fully configurable inputs and outputs, the xtremeDBmini module's versatility enables it to adapt to various operational demands. Additionally, the module offers enhanced hardware and software features, providing greater flexibility and control, ensuring that it meets the diverse and evolving needs of your system.

LEDs for visual diagnostics at the ports

DEUTSCH connectivity for sensors, valves and other components

Module power and CAN communication

IP69K with Murrelektronik MDC cables

AT A GLANCE

- Compact Design
- Fully Configurable I/O Pins
  - 4 Inputs (Digital and Analog)
  - 4 Outputs (Digital, PWM and PWM(i))
- 'Parallel Mode' for loads up to 8 Amps
- 'H-Bridge Mode' for bi-directional DC loads up to 4 Amps
- Configurable sensor power (5V DC or Source Voltage)
- IP69k Rating
- LED Diagnostics
- J1939 Communication

TECHNICAL DATA	
Dimensions (l x w x h)	2.00 x 9.375 x 1.34 in (51 x 239 x 34 mm)
Communication	2 non-isolated J1939 ports (250kb & 500kb)
Voltage Range	8-32V DC
Idle Current Draw	<100mA
Operating Temperature	(-40 to 85°C)
Protection	IP69K with Murrelektronik MDC cables
Number of Ports	4
Total Number of I/O	8 (4 Inputs, 4 Outputs)
Total Load Current	16A (4A per Channel)
Analog Resolution	12 bit, 1% Full Scale Accuracy

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stay connected

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Data Panel Corporation is the mobile controls branch of Murrelektronik Inc., and orders of this product are fulfilled with the close cooperation of both companies. Visit www.murrinc. com to learn more about Murrelektronik.