



Unique Systems Design, Inc.

CVM-XC

DATA SHEET

CVM-XC



Model: CVM-XC

Description: 8 channel voltage and current measurement board with a CAN bus interface.

Manufacturer: Unique Systems Design, Inc. (USDI)

Product Overview

The CVM-XC is a full-range tool with 8 channels that can measure up to 8 devices. It has a testing range of 50 micro-amps to 12 amps and 0 to 24V. It captures measurement data and sends it over a CAN network to capture current and voltage measurements in real-time.

Key Features

- 8 measurement channels
- 0 to 24V voltage range
- 0 to 12A current range
- CAN bus interface
- Multiple boards can be connected on the same CAN bus



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Technical Specifications

| Parameter | Value |
|--------------------------------|--|
| Number of Measurement Channels | 8 |
| Voltage Range | 0V to 24V |
| Current Range | 50uA to 12A |
| Voltage Accuracy | +/- 10% + 0.1V |
| Current Accuracy | +/- 1% + 2uA (0 to 14mA) +/- 1% + 2mA (14mA to 12A) |
| Max Boards Per CAN BUS | 8 |

Applications

- Test Stand
- Voltage Measurement
- Current Measurement

Ordering Information

| Part Number | Description | MOQ | Packaging |
|-------------|--------------------------------|-----|-----------|
| CVM-XC | 8 Channel Measurement Board | 1 | Box |



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Manufacturer Information

USDI - Unique Systems Design, Inc.

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