

# ISI Modbus / SDI-12 Protocol Converter

## MODEL MS1

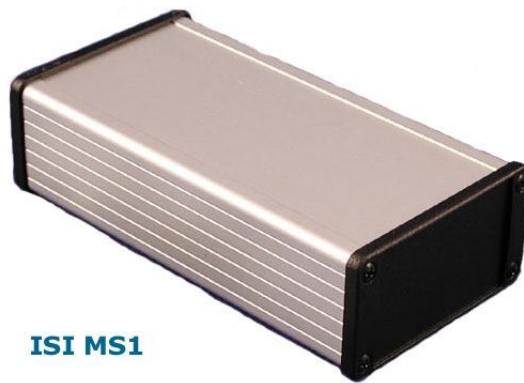
Allows any Modbus instrument to be placed on a SDI-12 network.

## MODEL MS1-2150

Allows an Isco 2150 © Area Velocity Flow Module to be placed on a SDI-12 network.

## MODEL SM1

Allows any SDI-12 instrument to be placed on a Modbus network.



**ISI MS1**

- Operates as a Modbus master/SDI-12 slave to make Modbus data available on SDI-12 network. Supports up to 2 Modbus devices.
- Configurable to read up to 12 Modbus registers of 16-bit signed integer, 16-bit unsigned integer, or 32-bit IEEE-754 floating-point data type.
- Simple text interface makes configuration easy using any serial terminal.
- LED indicators for SDI-12 and Modbus activity.

## Specifications

SDI-12 interface:	SDI-12 v1.3 compliant (SDI-12 verification report available upon request)
Modbus interface:	Modbus RTU or ASCII, RS232 or RS485, 9600 baud, 8-bit, no parity
Text interface:	9600 baud, 8-bit, no parity, no handshake
Operating system:	Instrumental Solutions ISOS-11
Indicators:	2 bicolor LEDs for transmit/receive indication
Connections:	Internal screw terminals, DB9 male (DTE)
Temperature range:	-40°C to +85°C
Power requirements:	12VDC 35ma idle, 55ma max
Enclosure:	Extruded aluminum, IP65 rated
External dimensions:	7.52" (19.1cm) L, 3.48" (8.84cm) W, 1.85" (4.7cm) H
Weight:	15 ounces

# ISI

Instrumental Solutions Inc.

*We don't make instruments, we make them work.*

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