



# Data Sheet

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## inDAC (Data Acquisition Controller) Specifications:

The inDAC is a microcontroller designed for monitoring and controlling building systems. The inDAC features a MODBUS RTU communication protocol for connection to a MODBUS enabled gateway device. Multiple inDAC units can be placed in series via MODBUS to expand analog and digital inputs/outputs for increased monitoring and control.



### Digital Inputs:

- (4x) 0-5 V state/contact inputs, sinking
- (4x) 0-1 kHz counter inputs, sinking
- (1x) 1-Wire master. Up to 20 unique sensor ID's.

### Analog Inputs:

- (6x) 12 bit, 0-5 VDC

### Digital Outputs:

- (4x) 0-5 VDC TTL

### Power Requirements:

**Power Output:** 5VDC @ 300mA, Unregulated 12VDC @ 150mA

**Power Input:** 5-24VDC @ 2 A

### Operating Environment:

**Temperature:** -40°C to 60°C (-40 to 140°F)

**Humidity:** 0-95% Non-Condensing

### Dimensions:

**Length 4.125"**

**Width 4.375"**

**Height 2.5"**