

**Model: ADAM-6017**

8-channel Analog Input with Digital Output Module

Overview

The ADAM-6017 is designed with 8-channel analog inputs and 2 digital outputs to satisfy all plant needs. Each analog channel is allowed to configure an individual range for variety of applications. Provides math functions: Max., Min., Avg.

This Ethernet-enabled data acquisition and control module features I/O, data acquisition, web browser and networking capabilities all in one module. 10/100 Mbps communication rate and 2000 VRMS surge protection.

Features

Communication rate:	10/100 Mbps
I/O type:	8 AI / 2 DO
Input type:	mV, V, mA
Surge protection:	2000VRMS
Provides math functions:	Max., Min., Avg.
Provides default/customized web page	

Analog Input

Effective resolution:	16-bit
Channels:	8 differential
Input type:	mV, V, mA
Input range:	±150 mV, ±500 mV, 0-5 V, ±10 V, 0-20 mA, 4-20 mA
Isolation voltage:	2000 V DC
Fault and overvoltage protection:	Withstands up to ±35 V
Sampling rate:	10 samples/sec.
Input impedance:	20 W
Bandwidth:	13.1 Hz @ 50 Hz, 15.72 @ 60 Hz
Accuracy:	±0.1% or better
Zero drift:	±6 µV/ °C
Span drift:	±25 ppm/ °C
CMR @ 50/60:	92 dB min.

Digital Output

Channels:	2
	Open collector to 30 V
	200 mA max. load
Optical isolation:	5000 VRMS

Power

Requirements:	Unregulated +10 ~ +30 V DC
Consumption:	2 W

Built-in Watchdog Timer

International Headquarters:

B&B Electronics Mfg. Co. 707 Dayton Road P.O. Box 1040 Ottawa, IL 61350 USA
815-433-5100 Fax 433-5104 www.bb-elec.com orders@bb-elec.com support@bb-elec.com

B&B Electronics Ltd Westlink Commercial Park Oranmore Co. Galway Ireland
+353 91 792444 Fax +353 91 792445 www.bb-europe.com orders@bb-elec.com support@bb-europe.com