ADAM-3617
4-ch Analog Input Module

Caution:

When connecting jumpers or installing the card, you should disconnect the power to prevent surges damaging sensitive electronic components.

Packing List

Before installation, make sure that you have received the following:

• ADAM-3617 Product
• ADAM-3617 Startup Manual

If anything is missing or damaged, contact your distributor or sales representative immediately.

Overview

As ADAM-3600 Extension I/O, ADAM-3617 is a 16-bit analog input module that provides 4-chs of voltage and current signal acquisition. This module is extremely cost-effective solution for industrial measurement and monitoring applications.

Specifications

System Functions

• **Analog Input Channels**:	4 differential
• **Input Type**:	V, mA
• **Voltage/Current Range**	±10V, ±2.5V, 0~20mA, 4~20 mA
• **Resolution**	16-bit
• **Accuracy**	±0.1% or better of FSR(Voltage) ±0.2% or better of FSR(Current)
• **Isolation Voltage**	2000 V_{DC}
• **Burn-out Detection**	Yes(Current-only)
• **Power Consumption**	1w
• **Operation Temp.**	-40 ~ 70°C
• **Warranty**	2 years

Application Wiring
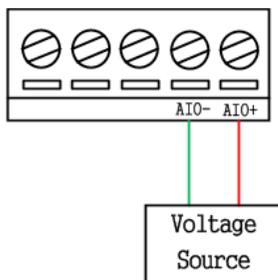
Switch Description
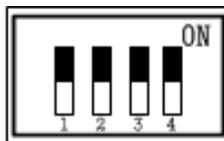
SW1 Status	Description
OFF(Default)	Voltage Input
ON	Current Input

Notes

For more information on this and other Advantech products, please visit our websites at:
http://www.advantech.com
For technical support and service:
http://www.advantech.com/support/
This startup manual is for ADAM-3617

| Part No: 2003A61700 | 1st Edition |
| | January 2016 |

STARTUP MANUAL

ADVANTECH

Startup Manual 1

Installation

1. Remove the cover of extension slot on the ADAM-3600-C
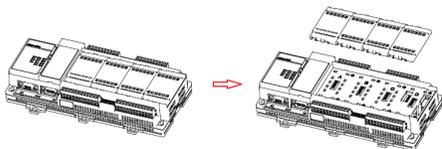
2. Install ADAM-3617 on the extension slot, please note that the connector must be perfectly match, and then fix the two screws.
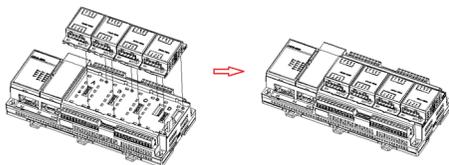
3. Fix the terminal block
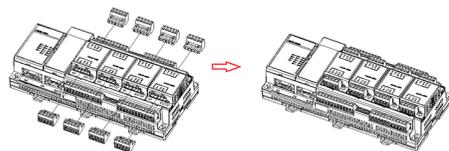
Software and User Manual

The TagLink Studio is for completing ADAM-3600 and its extension I/O configuration and management. The PC operation system is Windows XP/Windows 7. The software installation package as well as user's manual can be acquired from the following path: http://www.advantech.com/