

# ADAM-3011 ADAM-3013 ADAM-3014

## Isolated Thermocouple Input Module

## Isolated RTD Input Module

## Isolated DC Input/Output Module



ADAM-3011

CE FCC



ADAM-3013

CE FCC



ADAM-3014

CE FCC

## Specifications

### Thermocouple Input

- Common Mode Rejection 115 dB min
- Input Type

T/C Type	Temperature Range (°C)	Accuracy at 25 °C
J	-40 ~ 760	±2
K	0 ~ 1,000	±2
T	-100 ~ 400	±2
E	0 ~ 1,000	±2
S	500 ~ 1,750	±4
R	500 ~ 1,750	±4
B	500 ~ 1,800	±4

- Isolation 1,000 V<sub>DC</sub> (three way)
- Output Impedance 0.5 Ω
- Stability (Temperature Drift) ±2 °C
- Voltage Output 0 ~ 10 V

### General

- Connectors Screw terminal
- Enclosure ABS
- Indicators Power LED indicator
- Isolation 1,000 V<sub>DC</sub>
- Power Consumption 1.4 W
- Power Input 24 V<sub>DC</sub> ± 10%
- Dimensions (W x H x D) 23.2 x 101 x 93.5 mm (0.91" x 3.97" x 3.68")
- Operating Temperature 0 ~ 50 °C (32 ~ 122 °F)
- Storage Temperature -25 ~ 85 °C (-13 ~ 185 °F)

## Ordering Information

- ADAM-3011-AE Isolated thermocouple input module

## Specifications

### RTD Input

- Accuracy ± 0.1% of full range (voltage) or ± 0.15 °C (voltage)  
± 0.2% of full range (current)  
4 Hz
- Bandwidth 92 dB min.
- Input CMR at DC 2/3/4 wires
- Input Connections
- Input Type

RTD Type	α	Temperature Range (°C)
Pt	0.00385	-100 ~ 100
Pt	0.00385	0 ~ 100
Pt	0.00385	0 ~ 200
Pt	0.00385	0 ~ 600
Pt	0.00385	-100 ~ 0
Pt	0.00385	-100 ~ 200
Pt	0.00385	-50 ~ 50
Pt	0.00385	-50 ~ 150
Pt	0.00392	-100 ~ 100
Pt	0.00392	0 ~ 100
Pt	0.00392	0 ~ 200
Pt	0.00392	0 ~ 600
Ni	N/A	0 ~ 100
Ni	N/A	-80 ~ 100

- Output Range 0 ~ 5 V, 0 ~ 10 V, 0 ~ 20 mA
- Output Resistance < 5 Ω
- Temperature Drift ± 30 ppm of full range

### General

- Connectors Screw terminal
- Enclosure ABS
- Indicators Power LED indicator
- Isolation 1,000 V<sub>DC</sub>
- Power Consumption < 0.95 W
- Power Input 24 V<sub>DC</sub> ± 10%
- Dimensions (W x H x D) 23.2 x 101 x 93.5 mm (0.91" x 3.97" x 3.68")
- Operating Temperature 0 ~ 70 °C (32 ~ 158 °F)
- Storage Temperature -25 ~ 85 °C (-13 ~ 185 °F)

## Ordering Information

- ADAM-3013-AE Isolated RTD input module

## Specifications

### I/O

- Accuracy ± 0.1% of full range (typical)
- Common Mode Rejection > 100 dB @ 50 Hz/60 Hz
- Current Input Bipolar: ±20 mA  
Unipolar: 0 ~ 20 mA  
Input impedance: 250 Ω
- Current Output 0 ~ 20 mA
- Stability (Temperature Drift) 150 ppm (typical)
- Voltage Input Bipolar input: ±10 mV, ±50 mV, ±100 mV, ±0.5 V, ±1.0 V, ±5 V, ±10 V  
Unipolar input: 0 ~ 10 mV, 0 ~ 50 mV, 0 ~ 100 mV, 0 ~ 0.5 V, 0 ~ 1 V, 0 ~ 5 V, 0 ~ 10 V  
Input impedance: 2 MΩ  
Input bandwidth: 2.4 kHz (typical)
- Voltage Output Bipolar: ±5 V, ±10 V  
Unipolar: 0 ~ 10 V  
Impedance: < 50 Ω  
Drive: 10 mA max.

### General

- Connectors Screw terminal
- Enclosure ABS
- Indicators Power LED indicator
- Isolation 1,000 V<sub>DC</sub> (three way)
- Power Consumption 0.85 W (voltage output)  
1.2 W (current output)
- Power Input 24 V<sub>DC</sub> ± 10%
- Dimensions (W x H x D) 23.2 x 101 x 93.5 mm (0.91" x 3.97" x 3.68")
- Operating Temperature -10 ~ 70 °C (14 ~ 158 °F)
- Storage Temperature -25 ~ 85 °C (-13 ~ 185 °F)

## Ordering Information

- ADAM-3014-AE Isolated DC input/output module

# ADAM-3016

# ADAM-3017

## Isolated Strain Gauge Input Module

## External Powered IEPE Signal Conditioner



ADAM-3016

CE FCC

### Specifications

#### I/O

- **Accuracy**  $\pm 0.1\%$  of full range
- **Bandwidth** 2.4 kHz (typical)
- **Isolation Mode Rejection** >100 dB @ 50 Hz/60 Hz
- **Current Output** Current: 0 ~ 20 mA  
Current load resistor: 0 ~ 500  $\Omega$  (Source)
- **Stability (Temperature Drift)** 150 ppm (typical)
- **Voltage Specifications** Electrical input:  $\pm 10$  mV,  $\pm 20$  mV,  $\pm 30$  mV,  $\pm 100$  mV  
Excitation voltage: 1 ~ 10 V<sub>DC</sub> (60 mA max)
- **Voltage Output** Bipolar:  $\pm 5$  V,  $\pm 10$  V  
Unipolar: 0 ~ 10 V  
Impedance: < 50  $\Omega$

#### General

- **Connectors** Screw terminal
- **Enclosure** ABS
- **Indicators** Power LED indicator
- **Isolation** 1,000 V<sub>DC</sub> (Three-way)
- **Power Consumption**  $\leq 1.85$  W (voltage output)  
 $\leq 2.15$  W (current output)
- **Power Input** 24 V<sub>DC</sub>  $\pm 10\%$
- **Dimensions (W x H x D)** 23.2 x 101 x 93.5 mm (0.91" x 3.97" x 3.68")
- **Operating Temperature** -10 ~ 70 °C (14 ~ 158 °F)
- **Storage Temperature** -25 ~ 85 °C (-13 ~ 185 °F)

### Ordering Information

- **ADAM-3016-AE** Isolated strain gauge input module



ADAM-3017

RoHS CE FCC

### Specifications

#### Integrated Electronic Piezoelectric (IEPE) Excitation

- **Channels** 1
- **Upper Cut-Off Frequency (for all couple settings)**  
x1, x10 gain (-5%) 100 kHz  
x100 gain (-1%) 50 kHz
- **Lower Cut-Off Frequency (-3dB, 1 M $\Omega$  load, for all gain settings)**  
DC Couple DC  
AC Couple (1  $\mu$ F) 0.58 Hz  
AC Couple (47  $\mu$ F) 0.012 Hz
- **Accuracy** <  $\pm 2\%$  for all gain settings
- **Compliance** > 24 V
- **Current** 0, 4, 6, or 10 mA  $\pm 5\%$
- **Discharge Time Constant (1 M $\Omega$  load, for all gain settings)**  
DC Couple 0 second  
AC Couple (1  $\mu$ F) > 0.3 seconds  
AC Couple (47  $\mu$ F) > 13 seconds
- **DC Offset** < 30 mV

#### Isolation Protection

- **Input/Output to Power** 1,000 V<sub>DC</sub>

#### General

- **I/O Connectors** Screw terminal  
(Including a female BNC to terminal block adaptor)
- **Dimensions (W x H x D)** 23.2 x 101 x 93.5 mm (0.91" x 3.97" x 3.68")
- **Operating Temperature** 0 ~ 60 °C (32 ~ 140 °F)
- **Storage Temperature** -20 ~ 70 °C (-4 ~ 158 °F)
- **Storage Humidity** 5 ~ 95% RH, non-condensing

### Ordering Information

- **ADAM-3017-AE** Externally powered IEPE signal conditioner

# ADAM-3112

# ADAM-3114

## Isolated AC Voltage Input Module

## Isolated AC Current Input Module



ADAM-3112



### Specifications

#### Voltage Input

Full Range Mode		400 V	250 V	120 V
Input Voltage	AC ( $V_{RMS}$ )	0 ~ 400	0 ~ 250	0 ~ 120
	DC (V)	0 ~ 400	0 ~ 250	0 ~ 120
Input Impedance		48 k	30 k	14.4 k

#### Voltage Output

- Output Signal: 0 ~ 5  $V_{DC}$
- Accuracy:  $< \pm 1.0\%$  for full range
- Output Impedance:  $< 10\ \Omega$  @ operating frequency  $< 60$  Hz
- Load:  $> 10\ k\ \Omega$
- Ripple:  $< 120\ mV_{p-p}$
- Temperature Coefficient: 400 ppm/ $^{\circ}C$
- Input Bandwidth: 6 kHz

#### Power Consumption

- Supply Voltage: 24  $V_{DC} \pm 10\%$
- Current Consumption: 40 mA

#### General

- Isolation Protection: 1,000  $V_{DC}$  (output to power)  
2,500  $V_{RMS}$  (input to output, input to power)
- Dimensions (W x H x D): 23.2 x 101 x 93.5 mm (0.91" x 3.97" x 3.68")
- Operating Temperature: 0 ~ 60  $^{\circ}C$  (32 ~ 140  $^{\circ}F$ )
- Storage Temperature: -20 ~ 70  $^{\circ}C$  (-4 ~ 158  $^{\circ}F$ )
- Storage Humidity: 5 ~ 95%

### Ordering Information

- ADAM-3112-AE: Isolated AC voltage input module



ADAM-3114



### Specifications

#### Current Input

- AC Current Input: 0 ~ 5  $A_{RMS}$
- DC Current Input: 0 ~ 5 A

#### Voltage Output

- Output Signal: 0 ~ 5  $V_{DC}$
- Accuracy:  $< \pm 1.0\%$  for full range
- Output Impedance:  $< 10\ \Omega$  @ operating frequency  $< 60$  Hz
- Load:  $> 10\ k\ \Omega$
- Ripple:  $< 120\ mV_{p-p}$
- Temperature Coefficient: 400 ppm/ $^{\circ}C$
- Input Bandwidth: 10 kHz

#### Power Consumption

- Supply Voltage: 24  $V_{DC} \pm 10\%$
- Current Consumption: 40 mA

#### General

- Isolation Protection: 1,000  $V_{DC}$  (output to power)  
2,500  $V_{RMS}$  (input to output, input to power)
- Dimensions (W x H x D): 23.2 x 101 x 93.5 mm (0.91" x 3.97" x 3.68")
- Operating Temperature: 0 ~ 60  $^{\circ}C$  (32 ~ 140  $^{\circ}F$ )
- Storage Temperature: -20 ~ 70  $^{\circ}C$  (-4 ~ 158  $^{\circ}F$ )
- Storage Humidity: 5 ~ 95%

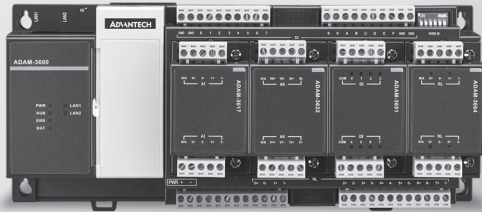
### Ordering Information

- ADAM-3114-AE: Isolated AC current input module

# ADAM-3600-C2G

**8AI / 8DI / 4DO / 4-Slot Expansion  
Wireless Intelligent RTU**

**NEW**



## Features

- High Performance CPU Cortex A8 600MHz
- Low Power DDR3L 256MB RAM
- Embedded Real-time Linux Kernel
- Domain Focused Onboard IO -8AI / 8DI / 4DO
- 4-Slot I/O Expansion
- High I/O Flexibility with 4-slot I/O Expansion
- Multiple wireless options for Zigbee/ Wi-Fi/ 4G/ Cellular
- IEC61131-3&C Programming Language
- Modbus & DNP3 & IEC-60870-5-104
- Operation Temperature -40 ~ 70°C
- Internal Webpage for Online Monitoring
- Data Logger on SD card
- Support Azure IOT-Hub
- Support MQTT Client for cloud communication

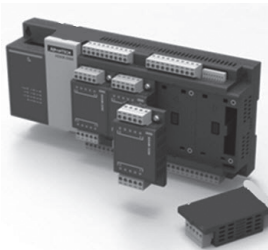
## Introduction

ADAM-3600-C2G is an cloud ready intelligent Remote Terminal Unit with multiple wireless function capability, multiple I/O selection, wide temperature range and supports flexible communication protocol for oil, gas and water applications. In these application environments, ADAM-3600 is ideal for remote inhospitable regions with many devices that need to be managed remotely.

## Features

### Wide Array of Flexible I/Os

Wide array of on-board I/O and flexible expansion I/O modules supporting different acquisition requirements giving it a high cost performance.



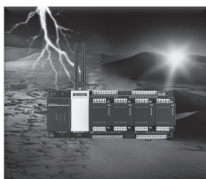
### Wireless Communication & Protocols

The ADAM-3600 simultaneously supports two mini-PCIe cards (a half-size and a full-size) for Wi-Fi/ 3G/ GPRS/ Zigbee communication which is flexible for wiring in the field. Modbus RTU/TCP and DNP3 protocols integrate ADAM-3600 with more SCADA systems.



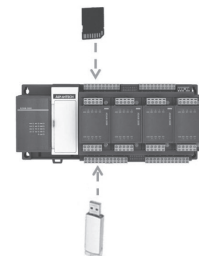
### Wide Temperature Range

A -40 ~ 70°C operating temperature allows the ADAM-3600 to work in harsh environments and reduces maintenance costs for customers.



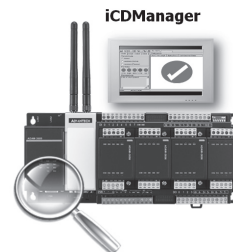
### Remote Firmware Update

The ADAM-3600 can use a USB drive and an SD card to automatically update the firmware so there's no need to bring a computer and execute the configuration program in the field.



### Intelligent Connectivity Diagnosis Manager (iCD Manager)

Remotely monitor serial and Ethernet port status and send alarm information during communication failures to help improve intelligent monitoring.



### Node ID for Batch Configuration

Each ADAM-3600 has a node ID as its name to support batch configuration (max.64) with the configuration utility. When an alarm is displayed on the utility, customers can directly find the fault source with the node ID.



## Specifications

### Control System

- CPU: Cortex-A8 AM3352
- Memory: RAM 256MB  
Battery Backup RAM 32KB
- OS: RT-Linux V3.12
- Storage: MicroSD card / 1GB included for system  
SD card slot / Optional
- Programming: IEC-61131-3, Linux C
- Watchdog: Yes
- Real-time Clock: Yes
- Power Input: 10 ~ 30 V<sub>DC</sub>
- Power Consumption: 24V @ 5W

### Communication

- Protocol: Modbus/TCP, DNP3 L2, TCP/IP, DHCP, IEC104, MQTT
- Serial Port: 1 x RS232/485- DB9  
2 x RS485- Terminal Block
- Ethernet Port: 2 x RJ-45 10/100 Mbps
- USB Port: 1 x USB 2.0
- VGA Port: 1 x D-SUB15
- LED: System LEDs/ IO LEDs
- Isolation: 2000 V<sub>DC</sub>
- PLC driver support: Siemens/Mitsubishi/Omron/Allen-Bradley, Delta etc
- Cyber Security: SSL, SSH, white list

### Analog Input

- Channel: 8 differential
- Resolution: 16-bit
- Input Type:  $\pm 10V$ ,  $\pm 2.5V$ , 0 ~ 20mA, 4 ~ 20mA
- Isolation: 2,000 V<sub>DC</sub>

### Digital Input

- Channel: 8
- Input Type: Wet Contact
- Protection Voltage: +40 V<sub>DC</sub>
- Isolation: 2,000 V<sub>DC</sub>

### Digital Output

- Channel: 4
- Output Type: Open Collector (Sink)
- Rated Voltage: 8 ~ 30 V<sub>DC</sub>
- Isolation: 2,000 V<sub>DC</sub>

### Wireless Communication (Selectable)

- Interface: Mini-PCle (1 x Half-Size / 1 x Full-Size)
- Wireless Type: Zigbee- UART Signal  
Wi-Fi/Cellular/4G- USB Signal

### General

- Certification: CE/FCC (No RED certification)
- Operating Temp.: -40 ~ 70°C
- Storage Temp.: -40 ~ 85°C
- Humidity: 5 ~ 95% (no-condensation)
- Mounting: DIN 35 rail/ Wall Mount

### I/O Expansion Module Selection Table

Unit: Channels

Expansion Module	RTD	AI	T.C.	AO	DI	DO
ADAM-3613	4					
ADAM-3617		4				
ADAM-3618			4			
ADAM-3624				4		
ADAM-3651					8	
ADAM-3656						8

## Ordering Information

- ADAM-3600-C2GL1A1E 8AI/8DI/4DO/4-Slot Expansion Wireless Intelligent RTU

## Optional Accessory

### Cellular Solution (SIM card is not included)

- 96PD-EC25EFA LTE Cat 4 Module with GNSS
- 1750006264 SMA(F) Cable, 15 cm
- 1750005865 Dipole Antenna, 11 cm

### WIFI Solution (recommended)

- 96PD-RYUW131 2.4GHz Wi-Fi Full/Half Size Mini PCle Card
- 1750006043 SMA(M) cable, 15 cm
- 1750000318 2dBi antenna for testing, 11 cm

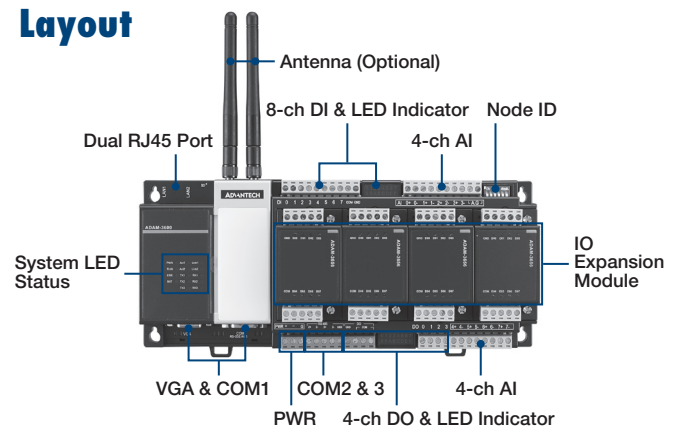
### GPS Solution

- EWM-G108H01E GPS/GNSS Half-MiniPCle card
- 1750006264 SMA (F) Cable, 15cm
- 1750006432 Antenna 4.5 dBi, 500cm

### Storage Solution

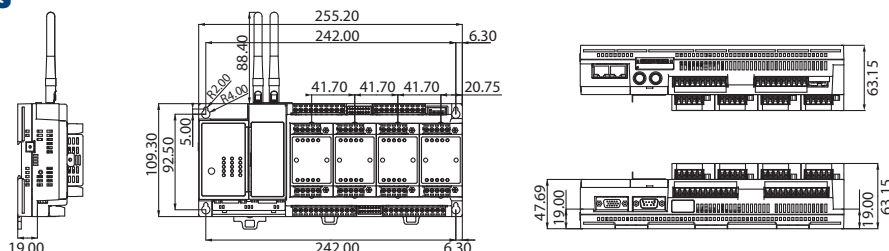
- SQF-ISDS1-4G-82E SLC 4G, 1CH (-40 ~ 85°C)
- SQF-ISDS1-32G-82E SLC 32G, 1CH (-40 ~ 85°C)

## Layout



## Dimensions

Unit: mm



# ADAM-3613-AE

# ADAM-3618-AE

## 4-ch RTD Input Module

## 4-ch Thermocouple Input Module

NEW



ADAM-3613-AE

RoHS  
Compliant  
2002/95/EC

CE FCC

### Specifications

#### General

- Power Consumption 1W(Max)
- Certification CE/FCC

#### Analog Input

- Channels 4, 3-wired
- Input Impedance  $>1M\Omega$
- Input Type Pt, Balco and Ni RTD
- Temperature Range
 

Pt 100	-50°C ~ 150°C
	0°C ~ 100°C
	0°C ~ 200°C
	0°C ~ 400°C
	-200°C ~ 200°C

Supports both IEC 60751 ITS90 (0.03851 W/W/°C) and JIS C 1604 (0.03916 W/W/°C)

Pt 1000	-40°C ~ 160°C
Balco 500	-30°C ~ 120°C
Ni 518	-80°C ~ 100°C
	0°C ~ 100°C

- Resolution 16-bit with accuracy 0.1% of Full Scale Range
- Sampling Rate 10 sample/second (total)
- Accuracy  $\pm 0.1\%$  of Full Scale Range
- CMR @ 50/60 Hz 90dBs
- NMR @ 50/60 Hz 60dBs
- Span Drift  $\pm 25$  ppm/°C
- Zero Drift  $\pm 6\mu V/^\circ C$
- Isolation Voltage 2000 V<sub>DC</sub>
- Burn-out detection Yes

#### Environment

- Operating Temp. -40 ~ 70 °C
- Storage Temp. -40 ~ 85 °C
- Humidity 5~95% (no-condensation)

### Ordering Information

- ADAM-3613-AE 4-ch RTD Input Module

NEW



ADAM-3618-AE

RoHS  
Compliant  
2002/95/EC

CE FCC

### Specifications

#### General

- Power Consumption 1W (Max)
- Certification CE/FCC

#### Analog Input

- Channels 4
- Input Type J, K, T, E, R, S, B Type Thermocouple
- Temperature Range
 

Type J	(0 ~ 760°C)
Type K	(0 ~ 1370°C)
Type T	(-100 ~ 400°C)
Type E	(0 ~ 1000°C)
Type R	(500 ~ 1750°C)
Type S	(500 ~ 1750°C)
Type B	(500 ~ 1800°C)

- Resolution 16-bit
- Sampling rate 10 sample/second (total)
- Input Impedance  $>1 M\Omega$
- Accuracy  $\pm 3^\circ C$
- CMR @ 50/60 Hz 90 dBs
- NMR @ 50/60 Hz 60 dBs
- Span Drift 0.0055%
- Zero Drift  $\pm 6 \mu V/^\circ C$
- Isolation Voltage 2000 V<sub>DC</sub>
- Burn-out detection Yes

#### Environment

- Operating Temp. -40 ~ 70°C
- Storage Temp. -40 ~ 85°C
- Humidity 5 ~ 95% (no-condensation)

### Ordering Information

- ADAM-3618-AE 4-ch Thermocouple Input Module



# ADAM-3617-AE

# ADAM-3624-AE

4-ch Analog Input Module

4-ch Analog Output Module

NEW



ADAM-3617-AE

RoHS  
Compliant  
2002/95/EC

CE FCC

## Specifications

### General

- Power Consumption 1W (Max)
- Certification CE/FCC

### Analog Input

- Channels 4, differential
- Input Type Voltage, Current
- Resolution 16-bit
- Voltage/Current  $\pm 10V$ ,  $\pm 2.5V$ ,  $0 \sim 20mA$ , Range 4  $\sim 20mA$
- Sampling rate 10 sample/second (total)
- Input Impedance  $0.1 M\Omega$
- Accuracy  $\pm 0.1\%$  or better of FSR (Voltage)  $\pm 0.2\%$  or better of FSR (Current)
- CMR @ 50/60 Hz 90 dBs
- NMR @ 50/60 Hz 60 dBs
- Span Drift  $\pm 25$  ppm/ $^{\circ}C$
- Zero Drift  $\pm 6 \mu V/^{\circ}C$ ,  $\pm 6 \mu A/^{\circ}C$
- Isolation Voltage  $2000 V_{DC}$
- Burn-out detection Yes (Current-only)

### Environment

- Operating Temp.  $-40 \sim 70^{\circ}C$
- Storage Temp.  $-40 \sim 85^{\circ}C$
- Humidity  $5 \sim 95\%$  (no-condensation)

## Ordering Information

- ADAM-3617-AE 4-ch Analog Input Module

NEW



ADAM-3624-AE

RoHS  
Compliant  
2002/95/EC

CE FCC

## Specifications

### General

- Power Consumption 1W (Max)
- Certification CE/FCC

### Analog Output

- Channels 4
- Output Impedance  $4 \Omega$
- Output Settling Time  $10 \mu s$
- Driving Load Voltage:  $2k\Omega$   
Current:  $500 \Omega$
- Output Type Voltage, Current
- Output Range  $0 \sim 10 V_{DC}$   
 $0 \sim 20 mA \sim 20 mA$
- Resolution 12-bit
- Accuracy  $\pm 0.3\%$  of FSR (Voltage) at  $25^{\circ}C$   $\pm 0.3\%$  of FSR (Current) at  $25^{\circ}C$
- Current Load Resistor  $0 \sim 500\Omega$
- Drift  $\pm 25$  ppm/ $^{\circ}C$
- Isolation Voltage  $2000 V_{DC}$

### Environment

- Operating Temp.  $-40 \sim 70^{\circ}C$
- Storage Temp.  $-40 \sim 85^{\circ}C$
- Humidity  $5 \sim 95\%$  (no-condensation)

## Ordering Information

- ADAM-3624-A 4-ch Analog Output Module

# ADAM-3651

# ADAM-3656

## 8-ch Digital Input Module

## 8-ch Digital Output Module



ADAM-3651

### Specifications

#### General

- Power Consumption 1 W (max.)
- Certification CE/FCC

#### Digital Input

- Channels 8
- Wet Contact Logic Level 0: 0 ~ +5 V  
Logic Level 1: +11 ~ 30V
- Rated Input >5mA @ 12 V<sub>DC</sub>
- Current >10mA @ 24 V<sub>DC</sub>
- Input Filter 3 ms
- Pulse Input Frequency 150 Hz (max.)
- Over Voltage +40 V<sub>DC</sub>

#### Protection

- Isolation Voltage 2000 V<sub>DC</sub>

#### Environment

- Operating Temp. -40 ~ 70°C
- Storage Temp. -40 ~ 85°C
- Humidity 5 ~ 95% (no-condensation)

### Ordering Information

- ADAM-3651-AE 8-ch Digital Input Module



ADAM-3656

### Specifications

#### General

- Power Consumption 1 W (max.)
- Certification CE/FCC

#### Digital Output

- Channels 8
- Output Type Open Collector (Sink)
- OC Output Rated Voltage 8 ~ 30 V<sub>DC</sub>  
Rated Current 200 mA (max load)
- Over Voltage +40 V<sub>DC</sub>
- Pulse Output Frequency 1 KHz

#### Response time

- Opto-isolator 150 us (max)

#### Protection

- Isolation Voltage 2000 V<sub>DC</sub>

#### Environment

- Operating Temp. -40 ~ 70°C
- Storage Temp. -40 ~ 85°C
- Humidity 5 ~ 95% (no-condensation)

### Ordering Information

- ADAM-3656-AE 8-ch Digital Output (Sink type) Module



# ADAM-3900 Series

## DIN-rail Terminal Boards



### ADAM-3909

#### DB9 DIN-rail Wiring Board

##### Features

- Low cost universal DIN-rail mounting screw terminal module for PC-LabCard™ products with DB9 connector
- Case dimensions (W x L x H): 77.5 x 45 x 51 mm (3.1" x 1.8" x 2.0")

##### To Be Used With

PCI-1714U/UL, PCL-728, PCL-740, PCL-741, PCL-743B, PCL-745B



### ADAM-3920

#### 20-pin DIN-rail Flat Cable Wiring Board

##### Features

- Low cost universal DIN-rail mounting screw terminal module for PC-LabCard products with 20-pin connector
- Case dimensions (W x L x H): 77.5 x 67.5 x 51 mm (3.1" x 2.7" x 2.0")

##### To Be Used With

PCI-1735U, PCL-711B, PCL-720+, PCL-726, PCL-727, PCL-730, PCL-812PG, PCL-816, PCL-818 Series, PCL-836



### ADAM-3925

#### DB25 DIN-rail Wiring Board

##### Features

- Low cost universal DIN-rail mounting screw terminal module for PC-LabCard products with DB25 connector
- Screw-clamp terminal blocks allow easy and reliable connections
- Case dimensions (W x L x H): 77.5 x 56.3 x 51 mm (3.1" x 2.2" x 2.0")

##### To Be Used With

PCI-1757UP, PCL-833



### ADAM-3937

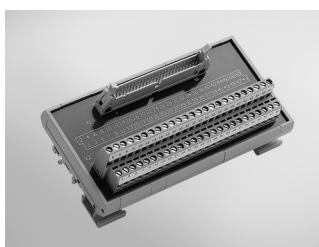
#### DB37 DIN-rail Wiring Board

##### Features

- Low cost universal DIN-rail mounting screw terminal module for DAQ cards with DB37 female connector
- Case dimensions (W x L x H): 87.2 x 112.5 x 51 mm (3.4" x 4.4" x 2.0")

##### To Be Used With

PCI-1713U, PCI-1715U, PCI-1718HDU, PCI-1720U, PCI-1730U, PCI-1733, PCI-1734, PCI-1750, PCI-1760U, PCI-1761



### ADAM-3950

#### 50-pin DIN-rail Flat Cable Wiring Board

##### Features

- Low cost universal DIN-rail mounting screw terminal module for PC-LabCard™ products with 50-pin flat cable connector
- Case dimensions (W x L x H): 77.5 x 146.3 x 51 mm (3.1" x 5.8" x 2.0")

##### To Be Used With

USB-4751/L, PCI-1737U, PCI-1739U, PCL-722, PCL-724, PCL-731



### ADAM-3951

#### 50-pin DIN-rail Wiring Board w/ LED Indicators

##### Features

- Low-cost DIN-rail mounting wiring terminal module for PCI-1752/1754/1756 with 50-pin SCSI female connector
- Screw-clamp terminal blocks allow easy and reliable connections
- Each LED indicates its current bi-directional I/O logic status with either green or red light
- Case dimensions (W x L x H): 77.5 x 179.5 x 41.5 mm (3.1" x 7.1" x 1.6")

##### To Be Used With

PCI-1752U, PCI-1754, PCI-1756

# Accessories

## DIN-rail Terminal Boards



### ADAM-3940

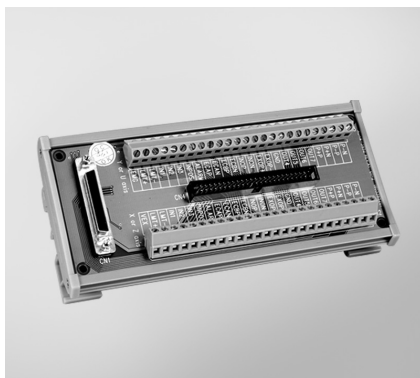
#### 40-pin Wiring Board with LED

##### Features

- DIN-rail wiring board
- Dimensions (W x L x H): 160 x 50 x 43 mm (6.3" x 2" x 1.7")
- 40-pin box header connector
- LED indicators

##### To Be Used With

AMAX-2241, AMAX-2242, AMAX-2243



### ADAM-3952

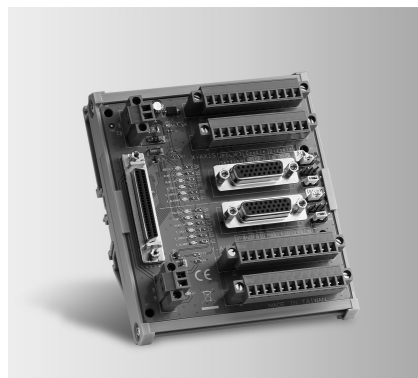
#### 50-pin SCSI and IDC DIN-rail Wiring Board

##### Features

- DIN-rail wiring board
- Dimensions (W x L x H): 77.5 x 179.5 x 41.5 mm (3.1" x 7.1" x 1.6")
- 50-pin SCSI and IDC connectors

##### To Be Used With

PCI-1220U, PCI-1240U, PCI-1245, PCI-1245E, PCI-1245L, PCI-1265, PEC-3240



### ADAM-3955

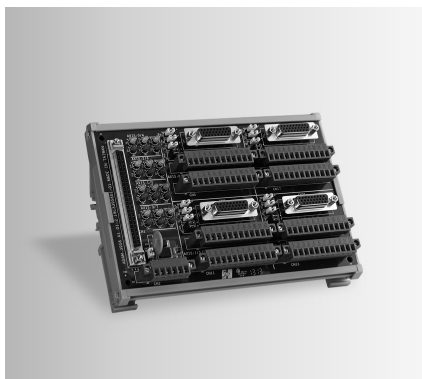
#### 50-pin SCSI DIN-rail Motion Wiring Board

##### Features

- DIN-rail wiring board
- Dimensions (W x L x H): 103 x 120 x 45 mm (4.12" x 4.8" x 1.8")
- DB-26 and connector
- LED indicators

##### To Be Used With

PCI-1220U, PCI-1240U, PCI-1245, PCI-1245E, PCI-1245L, PCI-1265, PEC-3240



### ADAM-3956

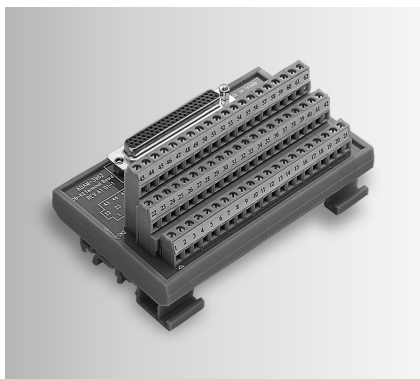
#### 100-pin SCSI DIN-rail Motion Wiring Board

##### Features

- DIN-rail wiring board
- Dimensions (W x L x H): 122 x 171 x 45 mm (4.8" x 6.73" x 1.77")
- DB-26 and connector
- LED indicators

##### To Be Used With

PCI-1240U, PCI-1245, PCI-1245E, PCI-1245L, PCI-1265, PCI-1285, PCI-1285E



### ADAM-3962

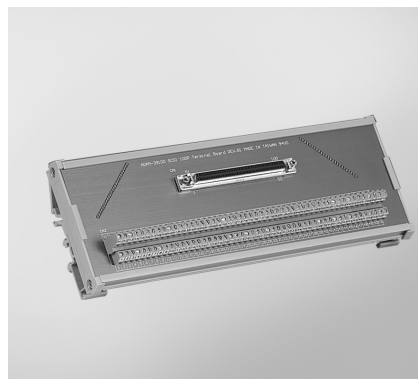
#### DB62 DIN-rail Wiring Board

##### Features

- Low cost universal DIN-rail mounting screw terminal module with DB62 female connector
- Screw-clamp terminal blocks allow easy and reliable connections
- Case dimensions (W x L x H): 77.5 x 124.5 x 63.5 mm (3.1" x 4.9" x 2.5")

##### To Be Used With

PCI-1243U



### ADAM-39100

#### 100-pin DIN-rail SCSI Wiring Board

##### Features

- Low cost universal DIN-rail mounting screw terminal module for industrial applications with 100-pin SCSI female connector
- Dimensions (W x L x H): 80 x 230 x 42 mm (3.14" x 9.05" x 1.65")

##### To Be Used With

PCI-1240U, PCI-1245, PCI-1245E, PCI-1245L, PCI-1265, PCI-1285, PCI-1285E, PCIE-1756, PCI-1756

# ADAM-3900 Series

## DIN-rail Terminal Boards



### ADAM-3962

#### DB62 DIN-rail Wiring Board

##### Features

- Low cost universal DIN-rail mounting screw terminal module for DAQ cards with DB62 female connector
- Screw-clamp terminal blocks allow easy and reliable connections
- Case dimensions (W x L x H): 77.5 x 124.5 x 63.5 mm (3.1" x 4.9" x 2.5")

##### To Be Used With

PCI-1762



### ADAM-3968

#### 68-pin DIN-rail SCSI Wiring Board

##### Features

- Low cost universal DIN-rail mounting screw terminal module for industrial applications with 68-pin SCSI female connector
- Case dimensions (W x L x H): 77.5 x 191.2 x 51 mm (3.1" x 8.4" x 2.0")

##### To Be Used With

PCI-1710U/UL, PCI-1710HGU, PCI-1711U/UL, PCI-1712/L, PCI-1716/L, PCI-1741U, PCI-1742U, PCI-1747U, PCI-1721, PCI-1723, PCI-1751, PCI-1753, PCI-1723, PCI-1780U



### ADAM-3968/20

#### 68-pin SCSI to 3 20-pin Box Header Board

##### Features

- Low cost universal DIN-rail mounting screw terminal module for PC-LabCard™ products with 68-pin SCSI connectors
- Converts one 68-pin SCSI connector to three 20-pin connectors
- Case dimensions (W x L x H): 77.5 x 80 x 54.3 mm (3.1" x 3.2" x 2.1")

##### To Be Used With

PCI-1751, PCI-1753



### ADAM-3968/50

#### 68-pin SCSI to 2 50-pin Box Header Board

##### Features

- Low cost universal DIN-rail mounting screw terminal module for PC-LabCard™ products with 68-pin SCSI connectors
- Converts one 68-pin SCSI connector to two 50-pin Opto-22 compatible box headers
- Case dimensions (W x L x H): 77.0 x 101.0 x 54.3 mm (3.0" x 4.0" x 2.1")

##### To Be Used With

PCI-1751, PCI-1753



### ADAM-39100

#### 100-pin DIN-rail SCSI Wiring Board

##### Features

- Low cost universal DIN-rail mounting screw terminal module for industrial applications with 100-pin SCSI female connector
- Case dimensions (W x L x H): 80 x 230 x 42 mm (3.14" x 9.05" x 1.65")

##### To Be Used With

PCI-1240U, PCI-1755