

Product Phase-out Notice

This statement is to announce the phase-out of Advantech's Remote IO module, ADAM-4150-AE. ADAM-4150-AE is going to be phased out. A last-buy period of 3 months is provided to make sure necessary stock is reserved.

Last-buy Period

Oct.29,2018 ~Jan.31,2019

Suggested Replacement

ADAM-4150-B.

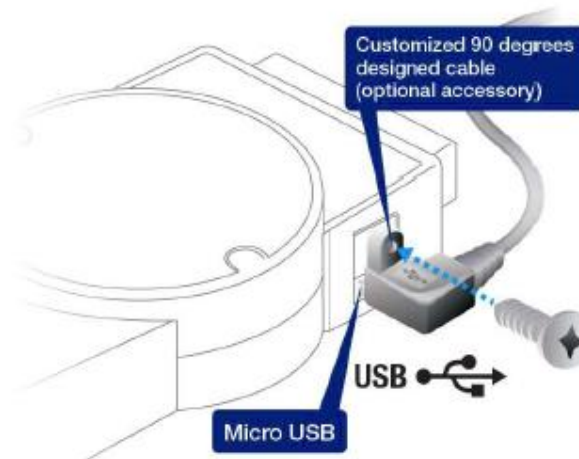
Comparison Table

ADAM-4150-B is designed to be compatible with ADAM-4150-AE in pin assignment and functions. Furthermore, some specifications are enhanced and new features are added. The main enhancements are listed in the following comparison table

	ADAM-4150-AE	ADAM-4150-B
Communication interface	RS-485	RS-485, Micro USB
Passive UHF RFID tag	N/A	Built-in
Reliability Function	N/A	supported
Digital Output Diagnostic Function	N/A	When the digital output is not active: <ul style="list-style-type: none"> ■ A digital output circuit wire break has occurred (open load) ■ A digital output connection is short to ground When the digital output is active: <ul style="list-style-type: none"> ■ An output has been exposed to an overcurrent (>1 A)

Micro USB interface

The ADAM micro USB interface can be adapted to a standard micro USB cable. Advantech also provides a 90° micro USB to type-A USB cable with a fixed hole (the cable is optional accessory 96PD-YH3874) to enhance the connection stability.



Built-in Passive RFID Tag

ADAM-4150-B implement the RFID tag inside. The remarkable features is that module information such as model name, serial number ,device ID, firmware version ,I/O value, alarm event and are updated to the RFID tag. Unlike the commonly way of using the RFID tag, instead of fixed data in tag , the ADAM module can dynamically update the information ,I/O value to the RFID tag , which means the RFID tag will reflect the latest ADAM module information. User can obtain the I/O and modules information by scanning the module with UHF RFID Reader. The benefits are listed below

1, Better module maintenance:

The Module manufacturing information such as Firmware version, serial number model name and user defined information can be updated to RFID tag. Users can better trace the module information and plan the maintenance efficiently

2, Configurate modules in a short time:

Users can configure the ADAM module before powering on the module. By using the RFID reader to scan the RFID tag in ADAM module, the configuration setting will be stored in the tag. After powering on the module, ADAM will automatically detect the setting from the RFID tag, and configuration will be updated to ADAM accordingly. In this way, users are able to configure more than one module at a time.

3, Reduce the downtime:

In general, when alarm occurs, the engineer cannot acknowledge the alarm information in the field, they have to go back to the office and check the status of modules from the computer. If the problem is related to communication, they cannot get the alarm information at the office. Consequently, the time span to fix the problem will be long. With the help of UHF RFID tag, users can use UHF RFID reader to obtain the I/O value

and alarm event by scanning the RFID tag in the field. Engineers can quickly get the alarm information and take prompt action, which shortens the downtime.

ADAM/Apax. Net utility version

The new functions of ADAM-4150-B can be used with ADAM/Apax. Net Utility v2.05.18 or later version

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