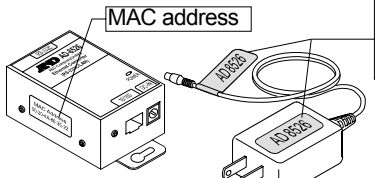
AD-8526 Ethernet Converter Instruction Manual

A&D Company, Ltd.

The AD-8526 Ethernet Converter can connect the RS-232C interface of a weighing instrument to the Ethernet (LAN) port of a computer that is not equipped with an RS-232C interface. By using the AD-8526, weight data from a weighing instrument can be managed with a computer connected to the network. The weighing instrument can also be controlled by the connected computer.

Unpacking the AD-8526

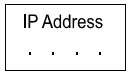


AD8526
Ethernet converter

Positions to affix AC adapter labels (Example)

Note
Please confirm that the AC adapter type is correct for your local voltage and receptacle type.

AC adapter labels
Affix them to the AC adapter and the connector end of the cable.



IP address label (5 labels)
Write a preset IP address and affix it on the weighing instrument.

IP address protective cover
(5 labels)
Affix it on the IP address label.

RS-232C cable
(Length: Approx. 2m. 2 pcs)

Note: Only the following cable is included if specified when ordering:
DIN 7-pin to D-Sub 9-pin cable (AX-KO1786-200)
If not specified, the following two communication cables are included:
DIN 7-pin to D-Sub 9-pin cable (AX-KO1786-200), D-Sub 9-pin to D-Sub 9-pin cable (AX-KO2466-200)

Specification

1. Specification	
Operating environment :	-10°C to +40°C
AC adapter:	Confirm that the adapter type is correct for the local voltage and power receptacle type
Power consumption:	Approx. 11VA (supplied to the AC adapter)
Dimensions:	113(W) x 60(D) x 38(H) mm
Net weight:	Approximately 250g

2. Ethernet interface	
Connector:	RJ45
Protocol:	TCP/IP

3. RS-232C serial interface		
Connector:	D-Sub 9-pin male	
Transmission form:	Asynchronous, bi-directional	
Data format	Baud rate:	600, 1200, 2400*, 4800, 9600, 19200bps
	Data bits:	7* or 8 bits
	Parity:	Even*, Odd, None
	Stop bits:	1 bit* or 2 bits

* : Factory settings

Weighing Instrument Cables

Required AD-8526 Cable by Weighing Instrument

Weighing instrument	Interface option	Communications cable (Length 2 m)
GX, GF, GX-K, GF-K, GP, GR, HR, MC	None (D-Sub 25-pin, standard accessory)	AX-KO1710-200
EK-*i*, EW-*i*, FC-*i*, FC-S*i*, GH, HR-*i*	None (D-Sub 9-pin, standard accessory)	AX-KO2466-200
AD-4212C	None (D-Sub 9-pin, standard accessory)	AD4212C standard accessory
HV-G, HV-WP, HW-G, HW-WP	None (DIN 7-pin, standard accessory)	AX-KO1786-200
FG	OP-03 (DIN 7-pin)	AX-KO1786-200
FG-L, FG-M	OP-23 (DIN 8-pin)	AX-KO1786-200

Please refer to our website for the latest information.

1WMPD4001294C

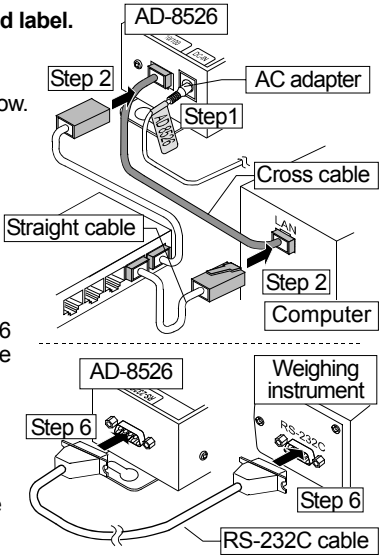
Connecting the Weighing Instrument to a Computer

Caution

- **Contact your network manager before connecting the AD-8526 to a network. The AD-8526 may generate a network error. A&D assumes no responsibility for any errors that may be caused.**
- **Affix the AC adapter labels to the AC adapter and the connector end of the cable.**
- **Set the IP address and subnet mask to the AD-8526 one at a time.**
  The factory default IP address is 172.16.100.2. Do not duplicate an IP address.
- **The IP address cannot be returned to the factory setting.**
  We recommend that you write the IP address on the supplied label.

Preparation

Please download each software from A&D website (https://www.aandd.jp/products/software/software.html) for below.
(1) Setting procedure "WinCT-Plus" instruction manual
(2) IP address setting software "Device Installer"
(3) Data acquisition software "WinCT-Plus"



Step 1 Connect the AC adapter to the AD-8526.

Step 2 Connect the AD-8526 and the computer with a cross cable directly or connect them with a hub and straight cables.

Step 3 Input the IP addresses and subnet masks of the AD-8526 and computer. For the setting procedure, refer to the "WinCT-Plus" instruction manual.
Communication error may occur if set incorrectly.

Step 4 Write the IP address on the IP address label and affix it on the AD-8526 (and the weighing instrument if necessary) where you can see the address easily.

Step 5 Install the RsMulti data acquisition software to download the "WinCT-Plus" instruction manual.PDF form A&D website. (https://www.aandd.jp/products/software/software.html)

Step 6 Connect the accessory RS-232C cable between the RS-232C interface of the weighing instrument and the AD-8526's port.

Data Communication Software

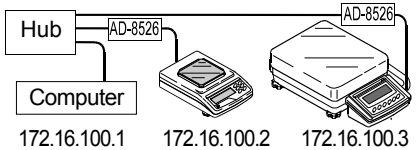
The RSMulti data acquisition software can be launched on a Windows PC. Menu: [Start] → [Program] → [A&D WinCT-Plus] → [RsMulti]. Refer to the Manual PDF file in the A&D WinCT-Plus for details on the operation.

- This software can acquire data from multiple devices connected by LAN or RS-232C.
- The software can control these devices with commands.
- The software can acquire data transmitted from devices. Example: When the PRINT key is pressed on the balance, data is output and is acquired with the computer.
- Stored data can be used with Excel. (Install Microsoft Excel before use.)

Example

Two balances are connected.

	IP address	Subnet mask
Computer	172.16.100.1	255.255.0.0
GX-600	172.16.100.2	
GP-30K	172.16.100.3	



A sample window of RsMulti