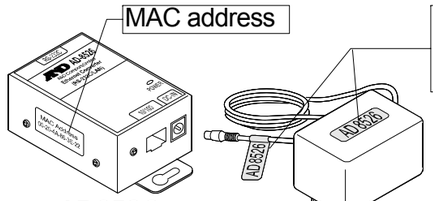
AD-8526 Ethernet Converter

A&D Company, Limited

The 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. When using the AD-8526, the weight data of the weighing instrument can be managed with the computer connected to the network. The weighing instrument can also be controlled by the computer connected.

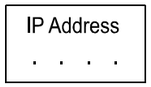
Unpacking the AD-8526



The position to affix to AC adapter labels (Example)

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

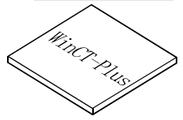
AC adapter labels
Affix them to the AC adapter and the connector end of the cable.



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.

A RS-232C cable
(Length: Approx.2m)
D-Sub 25-pin to D-Sub 9-pin (AX-KO1710-200)



CD-ROM
Windows communication software WinCT-Plus

Note: A substitute RS-232C cable, listed below, can be provided if specified when ordering.
D-Sub 9-pin to D-Sub 9-pin (AX-KO2466-200) or DIN 7-pin to D-Sub 9-pin (AX-KO1786-200)

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

Applicable Instrument cables

What is required to connect to the AD-8526

Weighing instrument	The interface option for the instrument	Communications cable (Length 2 m)
GX, GF, GX-K, GF-K, GP, FP, AD-4212, GR, HR	None (D-Sub 25-pin, standard accessories)	AX-KO1710-200
EK-*i*, EW-*i*, FC-*i*, FC-S*i*, GH, HR-*i*	None (D-Sub 9-pin, standard accessories)	AX-KO2466-200
EK-G, EK-H, ET-W, EW-G	OP-03 (D-Sub 25-pin)	AX-KO1710-200
HV-G, HV-WP, HW-G, HW-WP	None (DIN 7-pin, standard accessories)	AX-KO1786-200
FG	OP-03 (DIN 7-pin)	AX-KO1786-200
FS, FS-KL	OP-03 (DIN 8-pin)	AX-KO1786-200
FG-L, FG-M	OP-23 (DIN 8-pin)	AX-KO1786-200

Connecting the Weighing instrument to a Computer

Caution

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

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

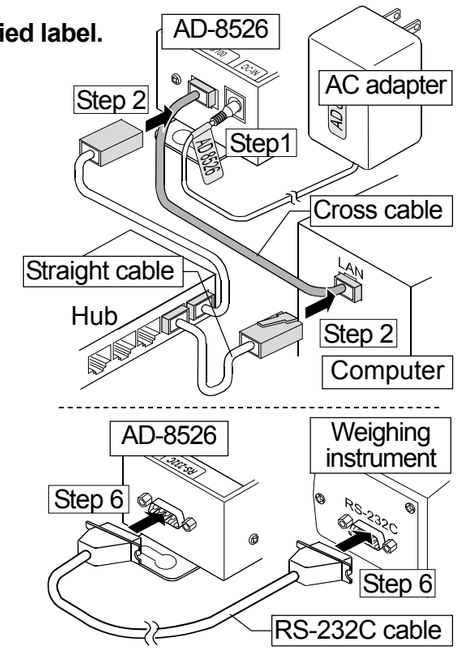
Step 2 Connect the AD-8526 and the computer with a cross cable directly or connect them with a hub and straight cables.

Step 3 Input the IP addresses and a subnet mask of the AD-8526 and computer. **Refer to the procedure [A&D WinCT-Plus]→ [Manual.PDF] of the CD-ROM for the setting of devices.**
Communication errors may occur with the wrong procedure.

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 data acquisition software "RsMulti" into the computer. Refer to the [A&D WinCT-Plus] → [Manual.PDF] of the CD-ROM for this installation.

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



The Outline for the Windows Communication Software

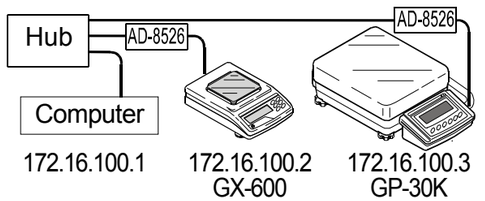
Run the data acquisition software "RsMulti". Menu: [Start] → [Program] → [A&D WinCT-Plus] → [RsMulti].
Refer to the [A&D WinCT-Plus] → [Manual] for the operation.

- The software can acquire data from multiple devices connected with a LAN or RS-232C.
- The software can control these devices with commands.
- The software can acquire data transmitted from devices.
  Example: When pressing the PRINT key of the balance, data is output and is acquired with the computer.
- The 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 the "RsMulti"