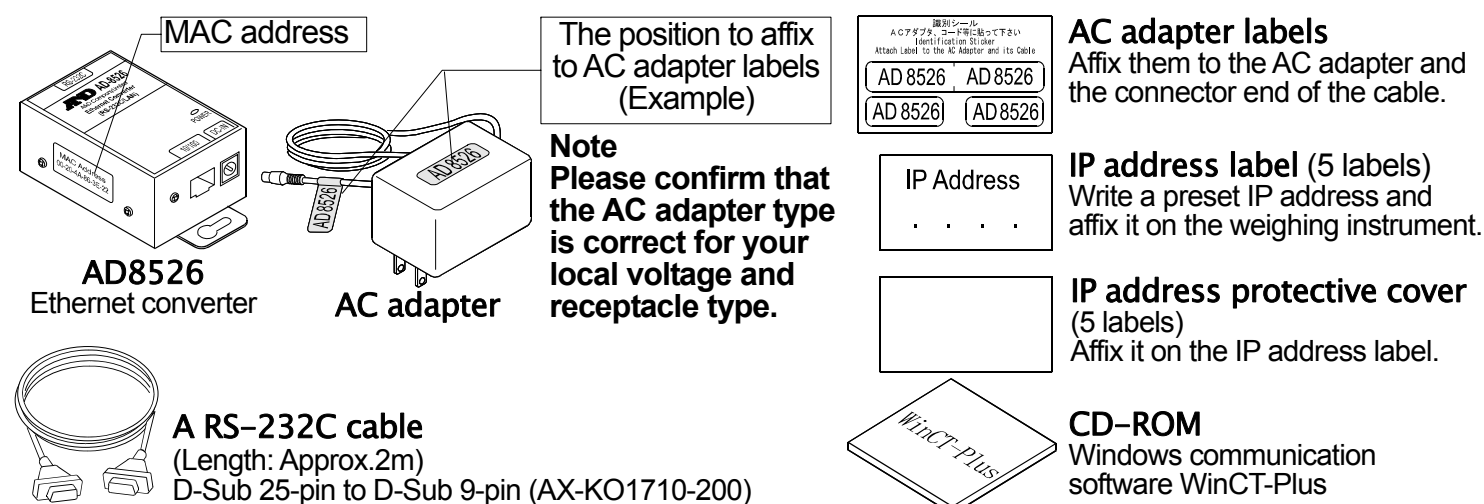


# AD-8526 Ethernet Converter

## 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



**MAC address**

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.

**CD-ROM**  
Windows communication software WinCT-Plus

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

**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	3. RS-232C serial interface
Operating environment : -10°C to +40°C	Connector: D-Sub 9-pin male
AC adapter: Confirm that the adapter type is correct for the local voltage and power receptacle type	Transmission form: Asynchronous, bi-directional
Power consumption: Approx. 11VA (supplied to the AC adapter)	Baud rate: 600, 1200, 2400*, 4800, 9600, 19200bps
Dimensions: 113(W) x 60(D) x 38(H) mm	Data format
Net weight: Approximately 250g	Data bits: 7* or 8 bits
<b>2. Ethernet interface</b>	Parity: Even*, Odd, None
Connector: RJ45	Stop bits: 1 bit* or 2 bits
Protocol: TCP/IP	

\* : Factory settings

### Applicable Instrument cables

#### What is required to connect to the AD-8526

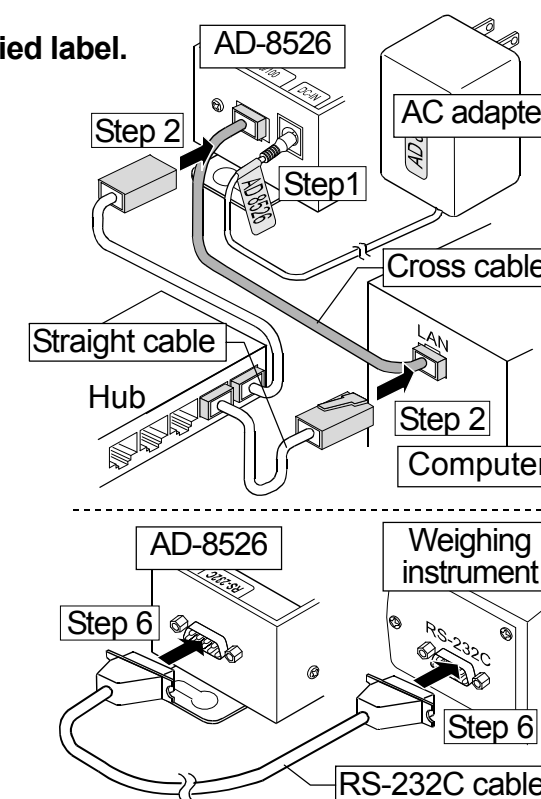
Weighing instrument	The interface option for the instrument	Communications cable (Length 2 m)
GX, GF, GX-K, GF-K, GP, FP, AD-4212, GR, HR	None (D-Sub 25-pin, standard accessories)	AX-KO1710-200
EK-i, EW-i, FC-i, FC-Si, GH, HR-i	None (D-Sub 9-pin, standard accessories)	AX-KO2466-200
EK-G, EK-H, ET-W, 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.

- Connect the AC adapter to the AD-8526.
- Connect the AD-8526 and the computer with a cross cable directly or connect them with a hub and straight cables.
- 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.
- 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.
- 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.
- Connect the accessory RS-232C cable between the RS-232C interface of the weighing instrument and the AD-8526's port.



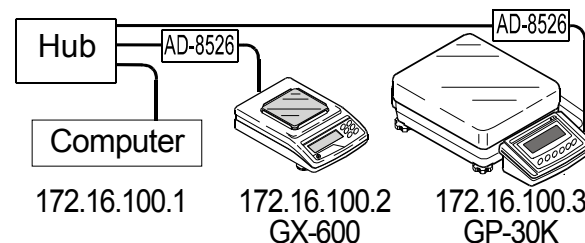
### The Outline for the Windows Communication Software

- 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.)

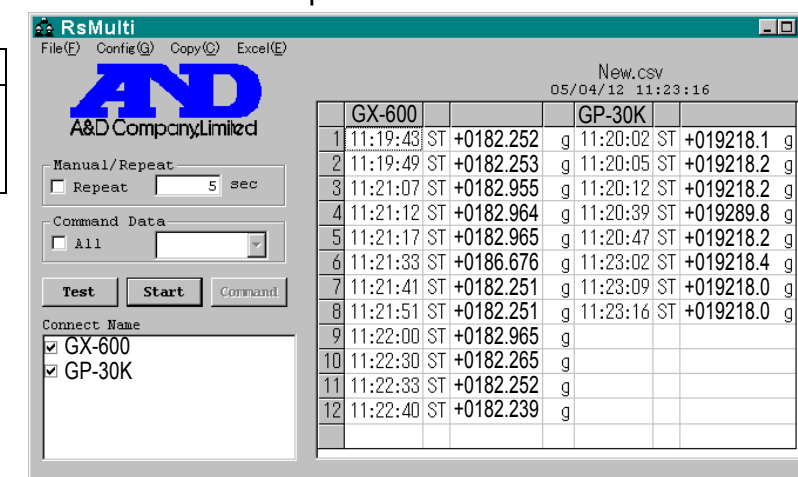
#### Example

Two balances are connected.

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



A sample window of the "RsMulti"



	GX-600		GP-30K			
1	11:19:43	ST +0182.252	g	11:20:02	ST +019218.1	g
2	11:19:49	ST +0182.253	g	11:20:05	ST +019218.2	g
3	11:21:07	ST +0182.955	g	11:20:12	ST +019218.2	g
4	11:21:12	ST +0182.964	g	11:20:39	ST +019289.8	g
5	11:21:17	ST +0182.965	g	11:20:47	ST +019218.2	g
6	11:21:33	ST +0186.676	g	11:23:02	ST +019218.4	g
7	11:21:41	ST +0182.251	g	11:23:09	ST +019218.0	g
8	11:21:51	ST +0182.251	g	11:23:16	ST +019218.0	g
9	11:22:00	ST +0182.965	g			
10	11:22:30	ST +0182.265	g			
11	11:22:33	ST +0182.252	g			
12	11:22:40	ST +0182.239	g			