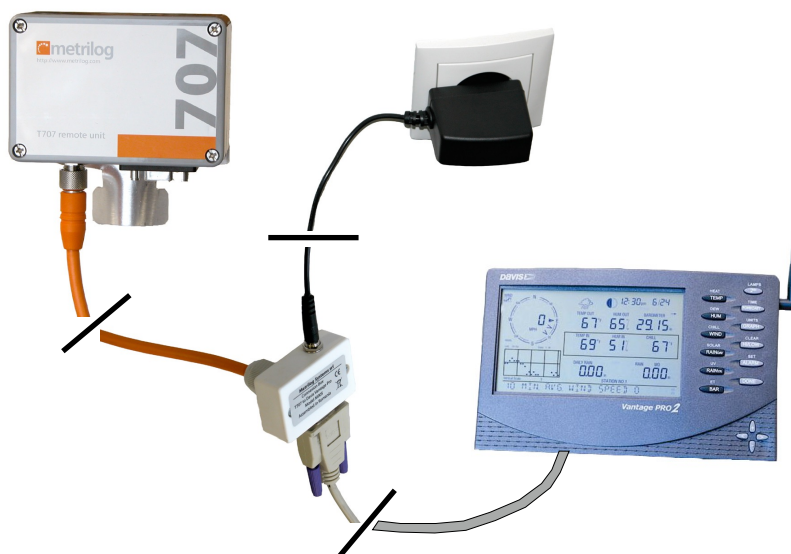


Remote Terminal Unit T707 (Davis firmware)

Installation instructions

The following instructions are valid for the model running the T707-DAV firmware, to be installed in conjunction with a Vantage Pro weather station (manufactured by Davis Instruments). The T707 can be installed both **indoors** and **outdoors**. The M905 Connexion Box, as well as the mains adapter **cannot be installed outdoors!**

The following diagram depicts the connections between the T707, M905 and the mains adapter:



RS-232 Service connector

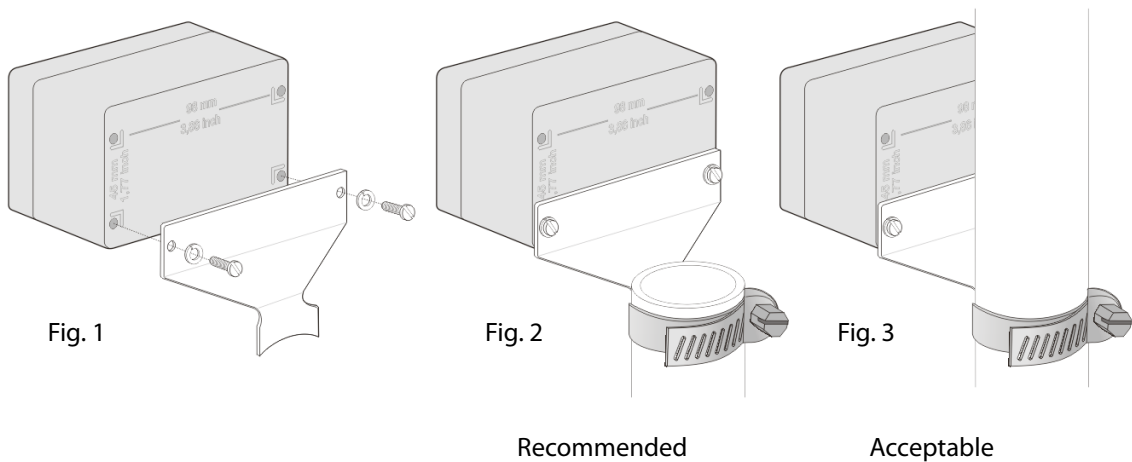
The RS-232 connector is used for maintenance and service. You should not have to deal with this connector unless indicated so by Metrilog support personnel.

Mounting the T707 unit

The T707 unit should be preferably mounted outdoors on a 4 cm diameter mast by means of the hose clamp supplied. In this case fasten the optional metallic mounting fixture to the T707 enclosure using the two M6 screws and spacers (see figure 1). If the unit is not installed outdoors, rather left on a table or a cabinet, you can ignore the metallic fixture.

It is recommended to place the **top of the unit (where the built in antenna resides) not too close to metallic objects**, especially to the mast itself; ideally the unit should be mounted on the very top of the mast (see also figures 2 and 3). Use the supplied tie wraps to fasten the cables to the mast after the mechanical installation.

Pin	Signal
1	DC D
2	RD
3	TD
4	DTR
5	GN D
6	DSR
7	RTS
8	CTS
9	RI



Technical parameters

Parameter	Value
GSM/GPRS	900/1800 MHz
Interfaces	RS-485, RS-232, SDI-12
Supported protocols	TCP/IP, WAP, XML, WBXML
Internal storage	256 Kbytes, non-volatile
Sampling interval	Programmable (minutes, hours, days, weeks)
Power supply	External, 5.5 to 20 Volt
Power consumption	Standby, receive: avg. 1mA (at 12 V) Transmit max 300 mA (at 12 V) Absolute maximum 600 mA (at 5.5 V)
Operating temperature	-20°C to +60°C
Dimensions	110/75/55 mm
Weight	400 g
Environmental protection class	IP66

Note for USA: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.