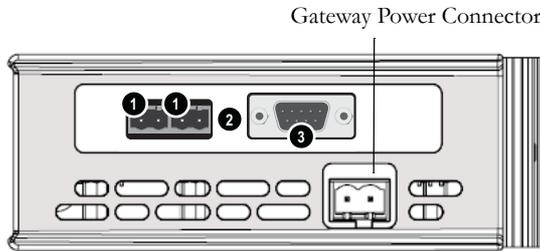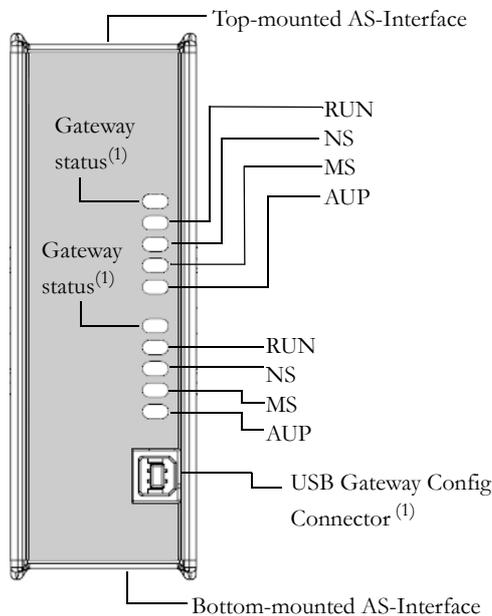**HMS**

Product Overview

The AS-Interface Master interface can be top or bottom-mounted. Both options are illustrated below. Install the gateway in an enclosure considered representative of the intended use.
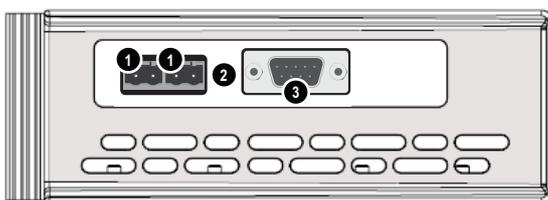
- **Top-mounted Interface**

Gateway Power Connector

See table below for connector details.

- **Front View**

Top-mounted AS-Interface

Gateway status[1]

RUN
NS
MS
AUP

Gateway status[1]

RUN
NS
MS
AUP

USB Gateway Config Connector [1]

Bottom-mounted AS-Interface

- **Bottom-mounted Interface**

See table below for connector details.

#	Connector Description
1	AS-Interface connector
2	Configuration Button
3	Master Config connector

Configuration Button

- Press and hold for 2 seconds to toggle between **Config mode** and **Protected mode**.

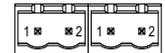- Press and hold for 5 seconds to initiate **Auto Configuration** (only in Config mode)

[1] See Gateway Installation Sheet for more information.

Network Status LED:s

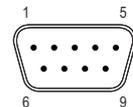| LED	State	Indication
Gateway Status	Consult the X-gateway user manual for further details.	
RUN	Green	Running
	Red	Idle
NS	Green	Online, no connections
	Green, 1Hz	Online according to configuration
	Red	Offline
MS	Green	Configuration mode
	Green, 8Hz	Auto Configuration in progress
	Green, 1Hz	Protected mode
	Red	Power Fail bus
AUP	Green, 8Hz	Auto programming possible
	Green, 1Hz	Slave address 0 exists
	Red	Periphery error
	Red, 8Hz	Periphery error - auto-programming possible
	Red, 1Hz	Periphery error - slave with address 0 exists

AS-Interface Connectors

Pin	Signal
+	AS-Interface +
-	AS-Interface -

Master Config Connector Pinout (RS232)

Pin	Signal
1	(not connected)
2	RS-232 RxD
3	RS-232 TxD
4	(not connected)
5	Ground
6, 7, 8, 9	(not connected)
Housing	Shield

Accessories Checklist

The following items are required for installation:

- USB cable (included)
- Null modem cable (not included)
- AS-Interface cables (not included)

Installation and Startup Summary

1. Connect the gateway to the AS-Interface network.

2. If required, connect a PC to the gateway via a USB cable.

3. If required, connect a PC to the Master Config port via a null modem cable.

4. Power up and (if required) configure the gateway.

AS-Interface Support

Questions regarding the AS-Interface network system should be addressed to www.as-interface.com