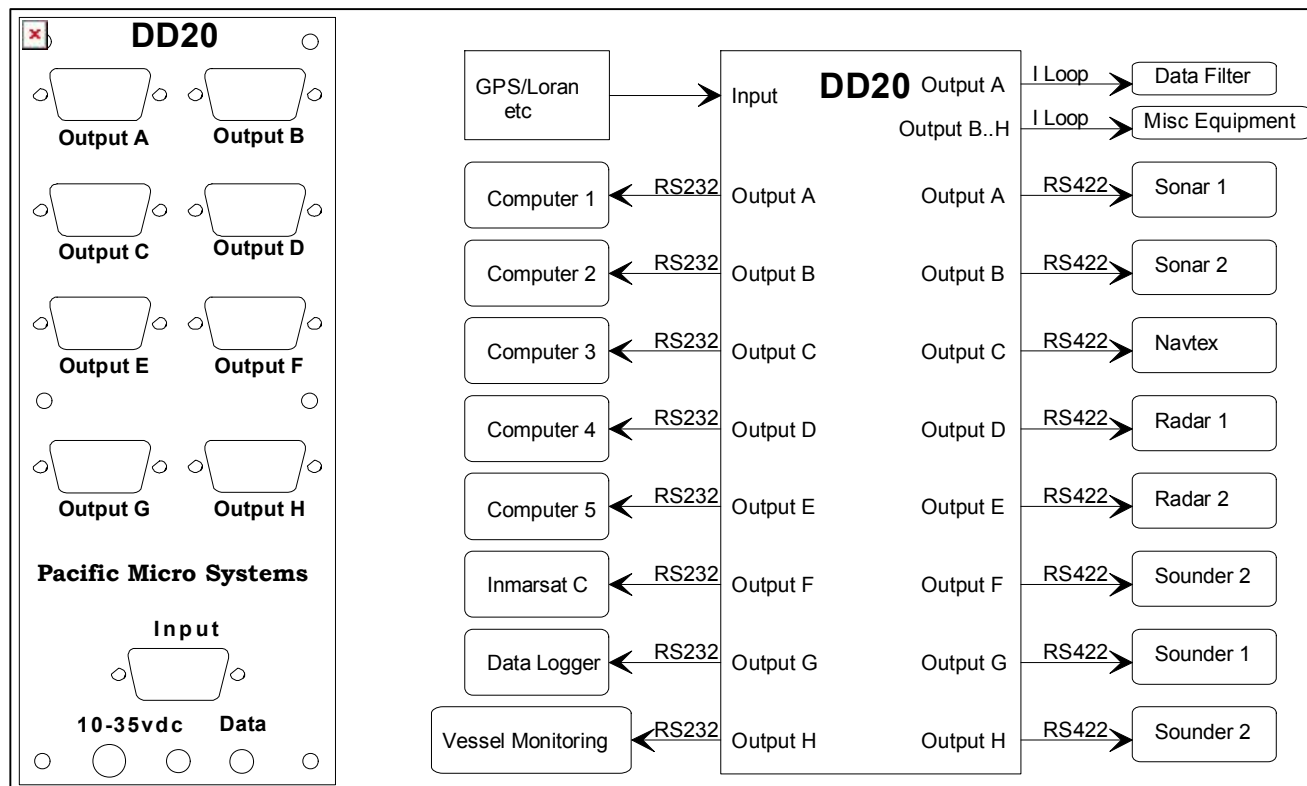# DATA DISTRIBUTOR DD20

The DD20 has been designed to assist with the total integration of electronic equipment aboard a vessel. It accepts data from one source, either current loop, RS422 or RS232, and distributes it out 8 current loop outputs, each capable of driving a number of current loop inputs, 8 RS422 outputs, and 8 industry standard RS232 outputs. The unit is isolated from ground which provides full dc isolation between the input supply and ground/all outputs.



**Input requirements:**
Current loop, RS422 or RS232.
Normal or inverted. *(Internally Selectable).*

**Output capabilities:**
Current loop (8 outputs)
RS422 (8 outputs).
RS232 (8 outputs).

**Power Requirements:**
10-35 vdc @ 50-280 ma. (dependent on number of outputs loaded)
Isolated ground provides full dc isolation between the input supply and ground/all outputs.

**Physical Parameters:**

| | | | |
|---|---|---|---|
| **Enclosure:** | Plastic EMI/RFI shielded. | **Indicators:** | (LED) Power ON and Data In. |
| **Mounting:** | Bulkhead or desktop. | **Connectors:** | 1 x DB9 male (Data In) |
| **Weight:** | 0.3 kg. | | 8 x DB9 female (Data Out) |
| **Dimensions:** | 92 x 155 x 37 mm. | | 1 x 2pin cord in-line (power) |