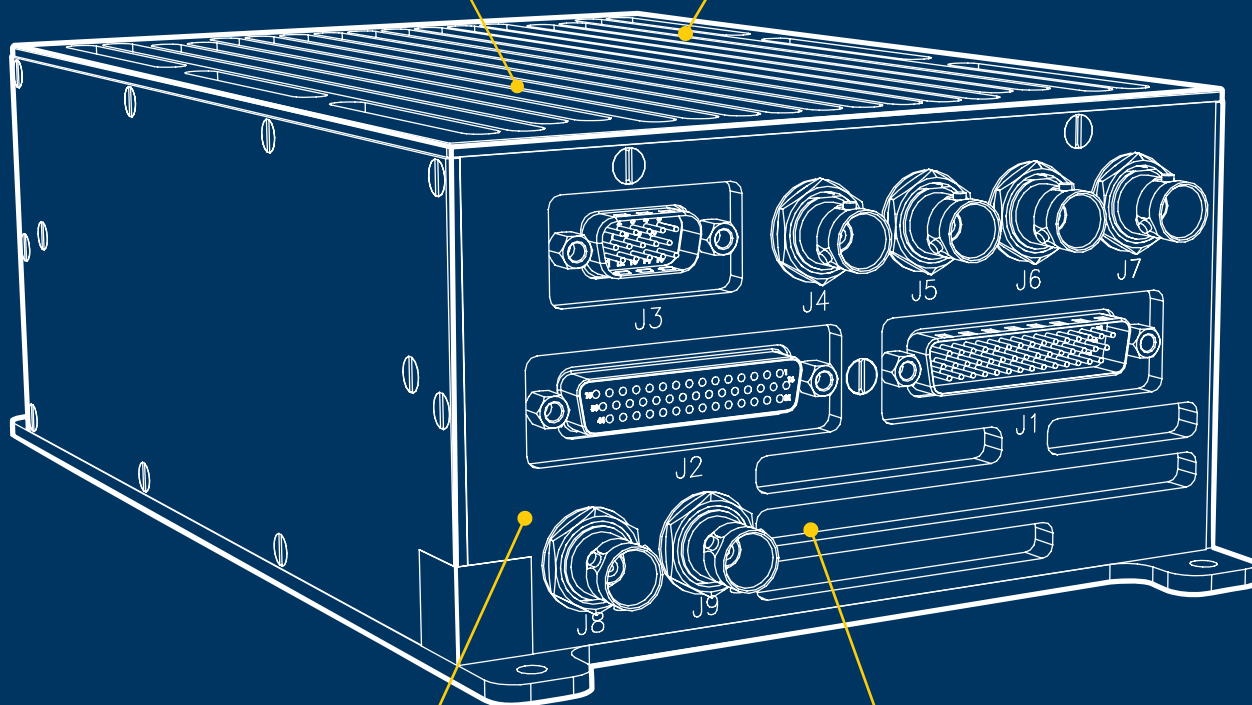


TWO INTERNAL 32 GB SSDs

GENERATES HUD
SYMBOLLOGY



LIGHT WEIGHT & COMPACT

DUAL CPU / GPU SYSTEM

The Mission Processor, MP-39, processes data from various aircraft sensors and generates symbology based on acquired information. The symbology is sent as video data over HD-SDI to the Pilot Display Unit (PDU-39). The unit does not require any additional external cooling. All the connectors are located on the front panel of the unit.

MP-39

Mission Processor

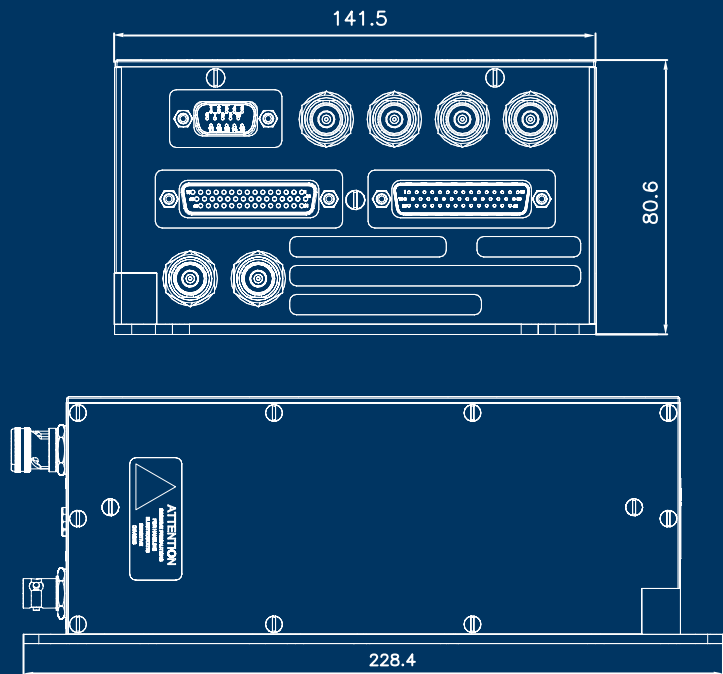
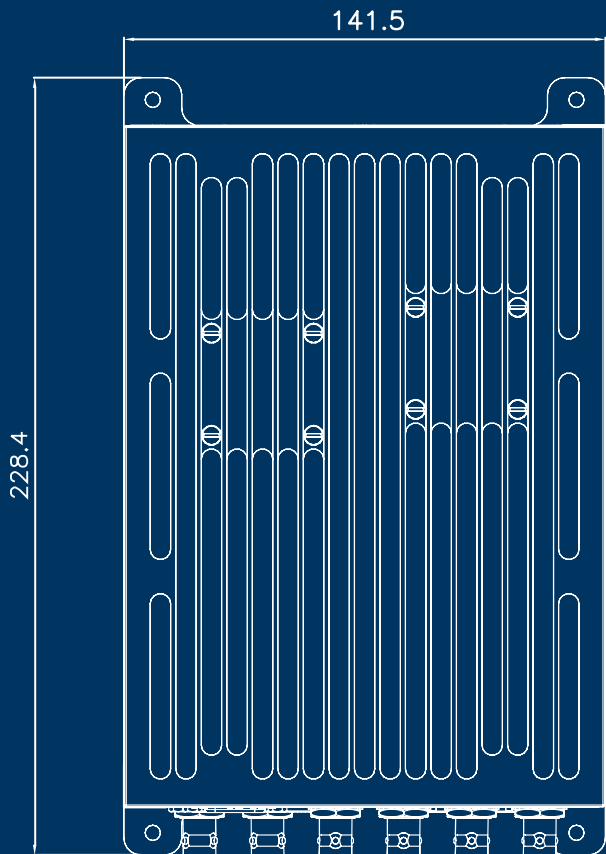
The MP-39 unit is part of SPEEL's HEAD-UP DISPLAY system.

Technical Specifications

Dimensions (w/h/l)	145x85x230 [mm]
Weight	< 1.9 kg
Power Supply	12 VDC to 33 VDC
Power Consumption	< 25W
Digital Interfaces	2 x CAN 12 x RX ARINC-429 5 x TX ARINC-429 1 x RS232/RS422 2 x Ethernet 100BASE-TX/10BASE-T 1 x RT MIL-STD-1553B
Analog Interfaces	24 x discrete inputs 7 x analog inputs
Video Interfaces	1 x CVBS input 2 x HD-SDI / 3G-SDI Output
Discrete Outputs	3 x Open/+28V 5 x Open/GND
Environmental Compliance	MIL-STD-810F / MIL-STD-461E
Operating Temperature Range	-55°C to +60°C
MTBF	>9000 FH

[HEAD-UP DISPLAY]

[CVFDR]



MP-39

Mission Processor



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