

The Repeater Display, MFD-39, allows the rear seat pilot to see the front pilot's thru-HUD view; that is, the scene in front of the aircraft overlaid with HUD symbology. The function of the unit is controlled by the bezel around the display panel. The display panel is customized to allow for operation in a rough environment and in a wide range of light conditions. The MFD-39's backlighting is designed to be NVG-compatible.

MFD-39

Repeater Display

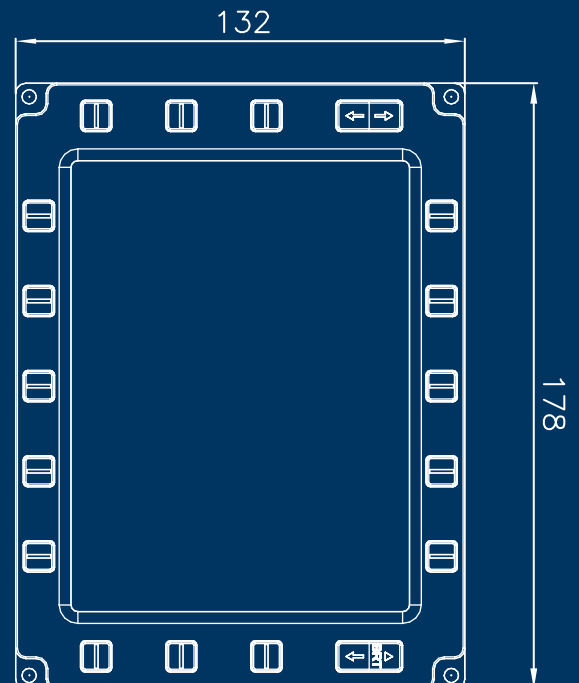
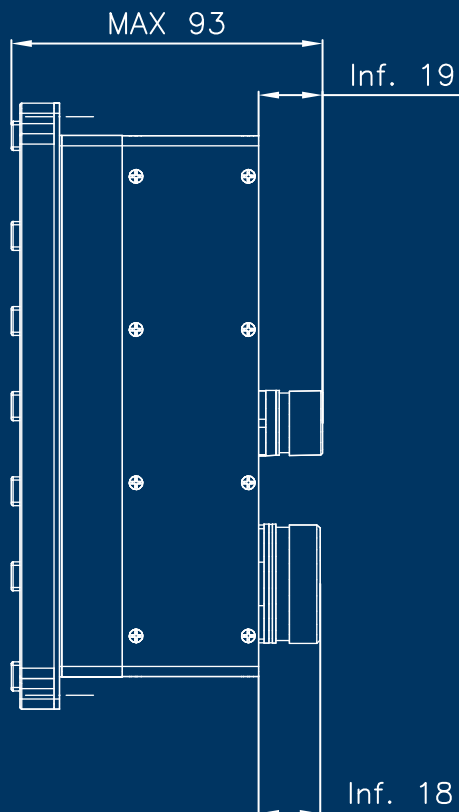
The MFD-39 unit is part of SPEEL's HEAD-UP DISPLAY system.

Technical Specifications

Dimensions (w/h/l)	178x132x93 [mm]
Weight	< 1.6 kg
Power Supply	18 VDC to 32 VDC
Power Consumption	< 26 W with heating off < 51 W with heating on
Video Input	CVBS
Digital Interface	1 x Ethernet 100BASE-TX/10BASE-T
Display size	6.5"
Angle of View	± 80° (H), -60° to +80° (V)
Display resolution	640 x 480 pixels
Brightness	17 to 1320 cd/m ² in day mode 2 to 35 cd/m ² in night mode 0.06 to 1.7 cd/m ² in NVG mode
Environmental Compliance	MIL-STD-810F / MIL-STD-461E
Operating Temperature Range	-40°C to +60°C
MTBF	>10000 FH

[HEAD-UP DISPLAY]

[CVFDR]



MFD-39

Repeater Display

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