



FMFD-I10 is a generic fighter multi-function display which provides all information necessary for airplane mission by pilot such as flight information, navigation, information electronic war, weapon information and radar systems. It is designed to enhance situational awareness and safety for pilots. Digitalized airplane instruments

Features

- 5"x5" color AMLCD
- Customizable resolution
- Three extensive Built-in testing modes (IBIT, CBIT, PBIT)
- Several interlaces options (RS422/RS232/1553/ARINC 429)
- Convection/Conductive cooled system
- Sunlight readable and wide viewing angle LCD
- Software customization capability
- Software loadable through connector interface
- Conforming to military electrical, software and mechanical standards
- O-Level and I-Level accompanied testers
- The first safety critical national avionic product based on IEC-61508



RADAR AND OPTIC

TECHNICAL SPECIFICATIONS

Physical

Image size	7.1"
Chassis	205x160x213 mm (L x W x H)
Weight	max 6 kg
Color	Black face
MTBF	Over 40000 hours

Display

Type	AMLCD
Size	5"x5"
Resolution	600 x 600 pixels
Brightness	700 fl min.
Gray shade	64 levels per color
Viewing angle	+30/-45 deg. Vertical
Refresh rate	+/-45 deg. Horizontal 60 Hz

Standard Compliance

EMI/EMC	MIL-StD-461F
Environmental	MIL-StD-810F
Power	MIL-StD-704F
Reliability	MIL-HDBK-217F

Interfaces

USB	MIL-StD-1553 ARINC 429 RS422 1 video input StANAG video output
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