

FMD-A13

Flight Management Display A13

Made In Indonesia



A Flight Management System main computer for mission entry and display navigation data of C-130 Hercules.

FMD-A13 has passed airworthiness certification by Air Force Flight and Work Security Worthiness Centre (Puslaiklambangja TNI AU).

FEATURES :

1. Navigation Data Display

Displaying aircraft navigation data, such as longitude, latitude, airspeed, waypoint, true heading and magnetic heading.

2. Mission Data Display

Displaying aircraft mission data such as destination list (latitude and longitude), distance, time-to-go

3. Flight Navigation System Data-Entry

FMD-A13 can be used to entry aircraft navigation data such as waypoint and flight plan.

4. Multiple Interfaces

Enables easy integration in civil or military aircraft (e.g., ARINC 429, Discrete I/O and 1553)

SPECIFICATIONS

Aircraft Type	
Aircraft Type	: C-130 Hercules
Physical Data	
Length	: 181.3 mm (± 0.5 mm)
Width	: 145.5 mm (± 0.5 mm)
Height	: 180.3 mm (± 0.5 mm)
Weight	: 4.7 kg
Casing	
Material	: Aluminium Alloy 7075
Finishing color	: Alodine, Painting
Embedded	
Processor	: Intel Atom E3845 Quadcore 1.91Ghz 1553 Processor ARINC 429 Processor
Controller	: ARM Cortex-M4
Communication	: ARINC 429, Ballard 1553, Discrete I/O
Display	
Screen	: LCD
Resolution	: 640 x 480 pixel
Size	: 4"
Power	
Input Voltage	: 28 VDC
Current	: 0.67 A
Consumption	: 18.76 Watt
Environment	
Temperature	: -20°C to +55°C (operation)
	: -20°C to +80°C (storage)
Vibration	: 6 g

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FMD-A13 Display