

# IESD

## Integrated Electronics Standby Display

Made In Indonesia 



IESD Display

The 3-ATI display that functions as backup of 3-essential display instruments - artificial horizon, altimeter, and airspeed indicator.

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

### FEATURES:

- Altitude
- Airspeed
- Attitude (Pitch and Roll)
- ILS annunciator
- Lateral deviation (Localizer)
- Vertical Deviation (Glideslope)
- Lateral acceleration (skid/sideslip indicator)
- Barometric adjustment
- Mach Number Indicator
- Sunlight Readable Display
- Adjustable brightness control, day/night mode
- Rugged construction

### OFFICE:

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### SPECIFICATIONS

<b>Aircraft Type</b>	
Type	: CN295
<b>Physical Data</b>	
Length	: 236.3 mm
Width	: 80.6 mm
Height	: 80.6 mm
Weight	: 2 kg (max)
<b>Display</b>	
Screen	: LCD
Size	: 3.2" diagonal (active area)
Resolution	: 380 x 380 pixel
<b>Power</b>	
Voltage	: +28 VDC
Current	: 0.5 A (1 A max)
Power Consumption	: 28 Watt (max)
<b>Casing</b>	
Material	: Aluminium Alloy 7075
Finishing Color	: Bezel : Deep Black Matte Casing : Alodine
<b>Embedded System</b>	
Processor	: NVIDIA Tegra 3 quad-core Cortex-A9 1.4 GHz
Controller	: ARM Cortex-M4
Communication	: ARINC-429, ANALOG, DISCRETE
<b>Environment</b>	
Temperature	: -15° to +55° C (operation)
Vibration	: 4.12 g