

5"X5" DISPLAY HEAD ASSEMBLY

Astronautics **newly** developed 5"x5" Display Head Assembly (DHA) is using **modern** IPS-LCD technology – thus providing excellent optical performance. Designed for demanding avionic environment for use in both commercial and military aircraft.

Can be purchased as a full video display or just a DHA to be incorporated in the customer's Display Unit.



The DHA includes:

- Color AMLCD with low reflectance
- Dual mode backlight
- Interface to standard video and communication
- Illuminated pushbuttons bezel.
- Mechanical enclosure.

The DHA highlights:

- Wide viewing angle – IPS technology.
- Anti-Reflection coating for direct view in sunlight.
- Highly saturated wide color gamut.
- Night Vision Goggle (NVG) Compatibility - option.
- Wide dimming range brightness control for day and night operation.
- Chip-on-glass (COG) technology results in very rugged construction.
- Designed to meet stringent Military Standards.





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Characteristics

Display Area	126.5 x 126.5 mm (4.98 x 4.98 inches)
Resolution	600 x 600 color pixels
Luminance	300 fL
Viewing Angles	80° from any direction
Contrast (in darkness)	600 : 1
Reflections (diffused / specular)	0.3% / 0.9%
Shades of grey	8 bit per each primary color
Video input	LVDS, DVI (option)
Power input	12V at 1.2A max (without heater).
Communication	RS-422
Temperature - operating	-40°C to +55°C (with heater)
MTBF (calculated)	> 10,000 hours

Mechanical Specification

Dimensions	160 x 160 x 47 mm (without knobs and mounting screws)
Weight	1.5 kg (3.3 lbs).
Mounting	Jacking screws
Cooling	By natural convection and radiation

FOR MORE INFORMATION ON THIS OR ANY OF OUR OTHER PRODUCTS/SYSTEMS PLEASE CONTACT:
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