

LE 720A Preliminary

Rugged HMD

Preliminary Datasheet



Tough · Reliable · Proven

The LE 720A is a high performance rugged OLED microdisplay solution for situational awareness applications. Available in full color SVGA/VGA or monochrome video this lightweight versatile easy to use product provides a display computing and remote viewing in any mobile situation.

720A

The Liteye family of products is made for many industry niches. These include, but are not limited to, military, medical and industrial arenas.

An array of different accessory packages are available, including custom firmware and cable builds, to create a product selection to suit your specific application.

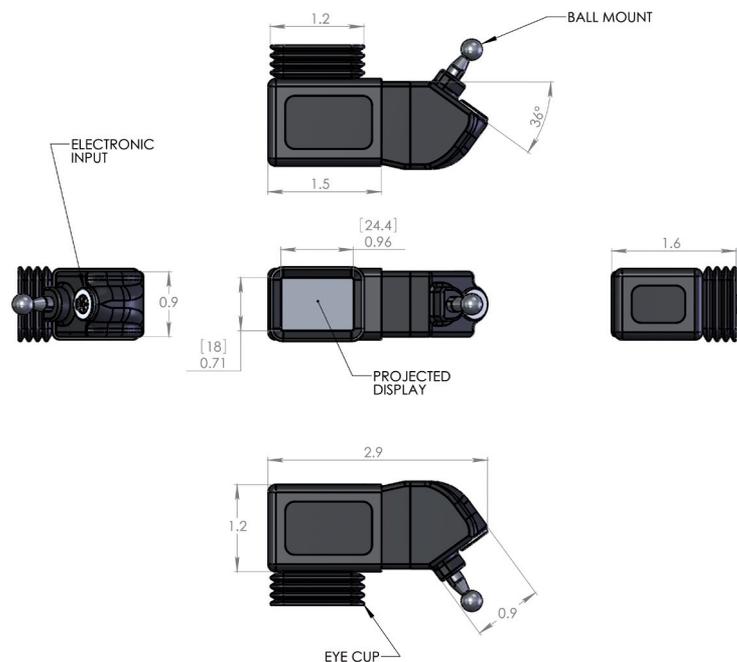


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Specifications

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Luminance (MAX)	Several display types available: Color: >400 cd/m ² White: >2000 cd/m ² Green: >5500 cd/m ²	Interface	Cable gland
		Standard Cables:	
Display Technology	Full-color AMOLED (800x3pixels) x 600 lines	SVGA/VGA RS170/CCIR	Standard 15 pin VGA connector
Resolution	800x600 and 640x480 4:3/16:9 aspect available		RCA Connector/BNC
Contrast	>800:1	Analog Video Rates	800 x600 (SVGA 56 Hz to 85 Hz), 640x480 (VGA 60 Hz to 85 Hz)
FOV (diagonal)	28°	Analog Video Inputs	RS-170 /CCIR VGA /SVGA
Optics	3 Element beam splitting prism	Power	5-6vDC input 400mW Typical
Eye Relief	>22mm	Control	Via 3 in line buttons
Exit Pupil	Non-Pupil Forming	Shock	4 ft drop to concrete
Diopter Adjustment	Fixed	Temp: Operating Storage	-40C to +65C -50C to +80C
Weight	65g without mount	IP Rating	IP67
Specification subject to change		Immersion	1 metre 10 minutes



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