

LE 450

Rugged HMD

Tough · Reliable · Proven



The LE 450 family is a high performance semi rugged solution. Available in full color SVGA or monochrome video this lightweight versatile product provides a display for portable computing and remote viewing.

450 Family

- LE 450
- LE 450 Plus



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

Many different accessories packages and custom firmware builds create a large selection to fit the COTS custom application.

Feel free to talk to our sales representatives to find the products to fit your needs.

Visit www.liteye.com or call 720 974 1766 (MST USA) for more information.



Innovation and Quality

Contact person: sales@liteye.com

LE 450

Specifications

Display Technology	Full-color AMOLED (800x3 pixels) x 600 lines	Interface SVGA/VGA	Standard 15 pin VGA connector
Resolution	800x600 and 640x480 4:3/16:9 aspect available	Interface RS170/PAL	RCA Connector
Luminance (MAX)	Several display types available: color : 150 cd/m ² (typical) 300 cd/m ² (maximum) White : 900 cd/m ² (typical) 1800 cd/m ² (maximum) Green : 1500 cd/m ² (typical) 3000 cd/m ² (maximum)	Interface Custom	Custom connectors available
Contrast	>100:1	Analog Video Rates	800 x600 (SVGA 56 Hz to 85 Hz), 640x480 (VGA 60 Hz to 85 Hz)
FOV (diagonal)	32° @ 800x600 28° @ 640x480	Analog Video Inputs <small>input is determined by software build and during time of assembly. Please contact a Liteye representative for further explanation</small>	RS-170 /CCIR VGA /SVGA
Transmission	Direct View	Power	5-6vDC input 400mW Typical
Optics	3 Element	Control	450 Plus..3 button located back, controls brightness, contrast, mode and soft off. Custom firmware builds available
Eye Relief	22mm	Shock	2 ft drop to concrete
Exit Pupil	4mm Pupil Forming	Operating Temp Storage Temp	-40C to +65C -50C to +80C
Diopter Adjustment	450 Fixed	Immersion	Weather Resistant

Specification Subject to change



Innovation with Quality

Contact person: sales@liteye.com

www.liteye.com

720 974 1766

