

# SA-62

## HIGH RESOLUTION HEAD MOUNTED DISPLAY



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The SA-62 is a very lightweight, high performing, wide field of view, full color head mounted display.

***SA Photonics***

120 Knowles Drive, Los Gatos, CA 95032 | Phone: 408.560.3500 | [www.saphotonics.com](http://www.saphotonics.com) | [sales@saphotonics.com](mailto:sales@saphotonics.com)

# SA-62 HIGH RESOLUTION HEAD MOUNTED DISPLAY

SA Photonics’ SA-62 is a direct view Head Mounted Display (HMD) that provides graphical video via symbology and video imagery over a very wide field of view. SA-62’s high resolution (1920 x 1200) color OLED microdisplays provide an extremely sharp image. SA Photonics’ innovative prism eyepiece design provides an extremely lightweight HMD.

The SA-62 is designed with maximum adjustability to fit all potential users while maintaining full performance. It has adjustments for fore/aft, vertical position and interpupillary distance, ensuring that users always have the correct fit. A large exit pupil and eye relief provide for a comfortable viewing experience even while on the move.

The HMD also comes in configurations of 83° and 92° diagonal fields of view, with binocular overlap at 30° and 20°, respectively. The SA-62 was designed to be mounted to either a helmet or a soft-mount using a standard COTS interface plate, and can be easily flipped up to a secure stowage position when not in use.

SA Photonics is a pioneer in the development and deployment of innovative photonics solutions for military and commercial markets. SA Photonics personnel have been designing head mounted displays for over 25 years and have built some of the world’s most successful HMDs for use in extremely challenging environments.

SPECIFICATIONS	
Parameter	SA-62
Horizontal Field of View	53°
Vertical Field of View	33°
Diagonal Field of View	62°
Binocular Overlap	100 %
Eye Box	10 mm
Eye Relief	25 mm
Display Resolution	1920 x 1200 pixels
IPD Adjustment Range	55-75 mm
Binocular Weight	560 g

