

SA-62/H

OPTICAL SEE-THROUGH MONOCULAR HMD



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The SA-62/H is a very lightweight, high performing, wide field of view, full-color monocular HMD designed for mounting on a variety of military helicopter helmets.



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Vision Products' SA-62/H optical see-through Helmet Mounted Display (HMD) is a low cost system that provides augmentation via symbology and video imagery over a very wide field of view. The SA-62/H's high resolution (1920 x 1200) color OLED microdisplays provide an extremely sharp image, while Vision Products' innovative prism eyepiece design has almost no peripheral obscuration, so users see an unobstructed view of the real world.

The SA-62/H clips into the side mount on the HGU-56P helmet and has adjustments for fore/aft, left/right and vertical positioning of the monocular display eyepiece module, ensuring that users always have the correct fit. A large exit pupil and eye relief provide for a comfortable viewing experience.

The SA-62/H was designed to be mounted to the Apache AA1H pilot helmet using the presently issued mechanical interface plate, but can be adapted to other flight helmets. The SA-62/H also can be flipped up out of the pilot's vision or placed into a secure stowage position when not in use. Electronics can either be configured to attach to the rear of the helmet or the pilot's chest.

Vision Products is a pioneer in the development and deployment of innovative photonics solutions for military and commercial markets. Vision Products 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/H
Horizontal Field of View	53°
Vertical Field of View	33°
Diagonal Field of View	62°
Eye Relief	25 mm
Display Resolution	1920 x 1200 pixels
Monocular Weight	217 g

