

SA-62/SM EYEWEAR

MIXED REALITY SEE-THROUGH DISPLAY



SA-62/SM Eyewear

The SA-62/SM mixed reality see-through eyewear provides high resolution, wide field of view augmented and/or virtual imagery via a monocular eyewear-mounted optic.

VP **VISION**
PRODUCTS

SA-62/SM MIXED REALITY SEE-THROUGH HMD

Vision Products' SA-62/SM eyewear-worn full color monocular display system provides augmentation via symbology and video imagery over a very wide 62° diagonal field of view. SA-62/SM's high resolution (1920 x 1200) color OLED microdisplay provides an extremely sharp image overlaid on the view of the real world.

The single eyewear-mounted eyepiece can be driven by a smartphone using an MHL-HDMI adapter. The portability provided by the standard smartphone and accompanying electronics module allows for maximum mobility and flexibility. The SA-62/SM-Eyewear is available in

three individual interpupillary distance (IPD) sizes of 58, 63.5, and 70 mm to ensure proper prism alignment with the user's pupil. A large exit pupil provides for a comfortable viewing experience even while on the move.

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 30 years and have built some of the world's most successful HMDs for use in extremely challenging environments.

SPECIFICATIONS

Parameter	SA-62/SM
Diagonal Field of View	62°
Horizontal Field of View	53°
Vertical Field of View	33°
Eye Box	10 mm
Eye Relief	25 mm
Display Resolution	1920 x 1200 pixels
Interpupillary Distance (IPD) Sizes	58, 63.5, 70 mm
Monocular Weight	70 g

