

SA-36

HIGH RESOLUTION HEAD MOUNTED DISPLAY



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The SA-36 is the world's highest resolution head mounted display (HMD). Its innovative design minimizes peripheral obscuration, allowing users to easily see their immediate natural environment.

The SA-36 will benefit a range of commercial industries and applications, such as architectural planning, entertainment, chemical engineering, virtual prototyping, simulation and education, and academic research.

In addition, the SA-36's high resolution, stereoscopic imagery and potential for head tracking makes it a natural display for maximizing telepresence when guiding unmanned vehicles.

The SA-36 provides users a 30 degree horizontal field of view, better than 20/20 Snellen resolution, and uses a revolutionary WUXGA color OLED display to produce a pixel resolution of just 0.94 minutes per pixel.

Vision Products is a pioneer in the development and deployment of innovative photonics solutions for military and commercial customers. The award-winning team at Vision Products has been designing advanced head mounted displays and digital night vision systems for commercial and military customers for more than 25 years.

SPECIFICATION CHART	
Parameter	SA-36 Value
Horizontal Field of View	30°
Vertical Field of View	19°
Diagonal Field of View	36°
Exit Pupil	12 mm
Eye Relief	25 mm
Display Resolution	1920 x 1200
Independent Adjustment	Interpupillary Distance Fore/Aft Vertical
IPD Adjustment Range	55 - 85 mm
Video Input	Dual Channel DVI/HDMI
Weight (binocular only)	294 g

