

# SA-36

## HIGH RESOLUTION HEAD MOUNTED DISPLAY



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# SA-36 HIGH RESOLUTION HEAD MOUNTED DISPLAY

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 has been designing advanced head mounted displays and digital night vision systems for commercial and military customers for more than 30 years.

SPECIFICATIONS	
Parameter	SA-36
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

