TAC-EYE 2.0

The Tac-Eye 2.0 is a display system for non-standard environments. Head worn and hands free, it replaces a direct-view display while enhancing the capabilities of the User. The System is much smaller and lighter than a traditional monitor, and consumes much less power. It allows the User to maintain light discipline (no light signature from User) and can be interfaced electrically and mechanically to a variety of usage models.

Its high-contrast SVGA display is perfect for displaying images from computers, IR imagers, camera systems, thermal weapon sights, or any other video source. Simple controls allow the operator to quickly adjust the display to accommodate all environmental conditions with little to no training required. The Tac-Eye 2.0 can be mounted via clip for glasses or a boom for helmets.

Product Technical Specifications:

Parameter	Description
Display Type	AMOLED
Resolution	800 x 600 Pixels (full color, RGB)
Field of View	29.5° Diagonal
Head-Borne Weight	51 grams/1.81 ounces
Gray Levels	Up to 256 per primary color
Brightness	> 150 cd/m^2
Contrast Ratio	>200:1 (color), >800:1 (monochrome)
Display Inputs	VGA (640×480 and 800×600), NTSC, RS-170, PAL
Power Consumption	< 1.0 W (VGA)
Readiness	Usable image within 3 seconds
Operating Temperatures	-31°C to +49°C
Storage Temperatures	-51°C to +71°C
Ingress Protection	IP-67