Now, ground soldiers can gain the advantages of the same technology once found only in the head-up displays (HUDs) of elite fighter aircraft and in commercial jets. The Rockwell Collins Enhanced Reality Vision system (ERV-30) is a lightweight, wearable waveguide display that mounts onto the warfighter’s helmet or goggle and can deliver a variety of digital information to the user’s forward field of view.

ERV-30 technology uses an advanced digital process that brings augmented-reality capability to a polycarbonate protected display that is roughly the size and shape of an eyeglass lens.

Information from your applications feeds into the ERV-30 and the waveguide projects it through the clear display. The user gets instant situational awareness updates without the distraction of looking away from what’s happening in forward and peripheral environments. The ERV-30 eliminates the head-down to head-up switching and longer refocusing time associated with traditional, handheld displays.

With decades of experience serving military customers around the globe, we understand your most important requirements for wearable soldier systems. The ERV-30 is backed by our proven expertise in HUD technologies, so you can count on its outstanding reliability and performance.

**KEY FEATURES/BENEFITS**

- Conformal packaging and large viewing area provide fast alignment and easy fit, enabling a true visor HUD for the soldier
- Large eye box with extended eye relief
- Full red/green/blue (RGB) color
- Displays information such as data, maps, external video or wireless weapon sights
- Ultra-low distortion of the transparent lens enables unobstructed vision for hands-free operation, day and night
- Polycarbonate external cover plate

Easily mounts for instant, affordable augmented-reality situational awareness.
Building trust every day.

Rockwell Collins delivers innovative aviation and high-integrity solutions that transform commercial and government customers’ futures worldwide. Backed by a global network of service and support, we are deeply committed to putting our solutions to work for you, whenever and wherever you need us. In this way, working together, we build trust. Every day.

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Specifications subject to change without notice.