

Smart WristView

Enhanced situational awareness for the dismounted soldier



Elbit Systems' Smart WristView is a compact computer and display, worn conveniently with a strap on the wrist or elsewhere, serving as a powerful tactical device for the dismounted soldier. The low-power, rugged Smart WristView provides access to C⁴I applications and integrates seamlessly with the soldier's radio and other sensors.

Smart WristView allows soldiers to quickly and conveniently view graphical data, and enables the squad leader to command and control the team by providing situational awareness, real-time critical information, clear navigation and built-in text messaging. Fully compliant with military standards, Smart WristView can be custom tailored to meet the specific requirements of armed forces and law enforcement agencies worldwide.



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Ergonomic design for combat conditions – Smart WristView’s small dimensions, light weight and practical design are tailored for handheld tactical battlefield conditions, allowing for ease-of-use without interfering with the soldier’s fighting ability. The 140 gram military standard Smart WristView is drop and shock-resistant and can withstand harsh environmental conditions including extreme temperatures, moisture, dust and vibration as well as electromagnetic interference.

Advanced computer and display features – Device architecture is based on modern smartwatch components and architecture principles and supports the LINUX embedded operating system. The product features a compact color sun-readable display, programmable CPU, 32 GB of memory, GPS and Compass sensors, USB interface, Bluetooth interface and a vibrating motor. Its rechargeable battery allows for 24 hours of continuous operation.

User-friendly interface – The Smart WristView’s display contains a multi-touch screen that offers an intuitive user experience for utmost operational efficiency. Its mechanical design enables seamless integration with the soldier’s vest and allows for rapid and ergonomic attachment/detachment from the vest.

Key Features

- ARM Cortex-A processor suitable for LINUX operating system
- Low-power consumption technology
- Dual operational modes: Standalone or fully integrated with C4I applications
- Navigation tools: GPS, user friendly navigation app, magnetometer (compass app), gyro and accelerometer
- Rechargeable internal battery

Operational Benefits

- Replacement of a large C4I terminal
- Ultra-compact, lightweight (140 gram) and low-power design
- 24 hour continuous operation
- Mil-Grade cost effective solution enables wide deployment across echelons
- Sunlight readable
- Ruggedized and compliant with MIL-STD-810G and MIL-STD-461E
- Direct Real time operational data flow from a tactical radio
- Ergonomic, intuitive tactical information access



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