

Harm's Way Controllers (HaWC™)

Rugged, reliable hand-held controllers for unmanned systems.

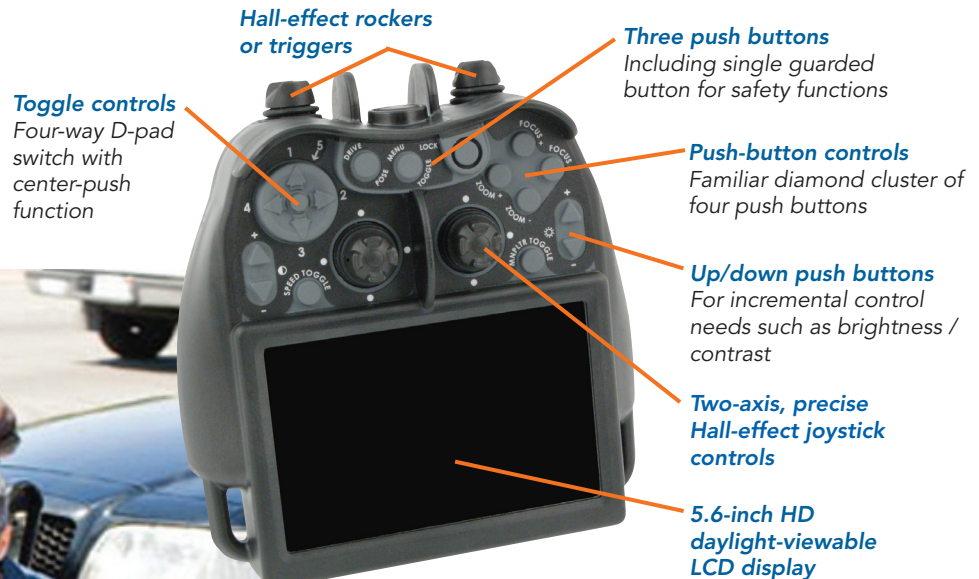
Whether you're securing an area, locating and neutralizing explosive devices, or conducting surveillance, our HaWC controllers put you in precise control of unmanned systems in any environment while keeping you out of harm's way.

Mighty HaWC rugged hand-held controller with 5.6-inch HD display

When the mission demands dismounted operations, holding a laptop to control an unmanned system won't cut it. The Mighty HaWC lightweight controller combines a convenient 5.6-inch heads-down display with the intuitive and familiar design of a game-style controller, offering the operator full control of the system in an efficient and simple-to-use package. Designed for use by civilian or military operators and built to survive extreme environments, the Mighty HaWC is a robust and effective controller solution for use with unmanned or remote systems.

Physical Features

- Rugged, reliable design
- Precise joystick-style Hall-effect controls
- 5.6-inch high-definition sunlight-readable display
- Durable, tough design to withstand high-stress use
- Over-molded button design for user comfort and environmental sealing
- Intuitive and familiar game-style design for minimal training time
- Customizable front-face symbology



Environmental

Designed to MIL-STD-810 requirements, including:

- Operating temperature: - 40° to +55°C
- Storage temperature: - 40° to +71°C
- Functional shock per MIL-STD-810G, Method 516.6, Procedure I
- Vibration per MIL-STD-810F, Method 514.5, Procedure II, category 5

Sealed per IP67

Electromagnetic environmental effects per AECTP-500, (Edition 4) NCS 12 ESD, Category B, reference (h)

EME susceptibility per MIL-STD-461F RS 103 (tailored) from 10 kHz to 18 GHz, with 50 V/m field strength



HaWC unmanned-systems controllers keep operators out of harm's way

A global leader in human-machine interface systems, Esterline has engineered the HaWC product line as a superior control solution for unmanned platforms in all environments.

HaWC controllers are ergonomically designed and offer a highly reliable, robust, and easy-to-use solution for all types of users and applications.

Small HaWC

A basic game-style controller offering familiar switch and button layouts.



FLIR Grip

An ergonomically designed dual-handled grip providing all control functionality for the FLIR family of gimbaled camera systems.



Rugged HaWC

An intuitive game-style controller designed for use with the USMC V-22 Remote Guardian system.



Mighty HaWC

A fully integrated controller with a built-in 5.6-inch HD display for video and menu information.



Land

HaWC controllers provide a ruggedized solution for reliable control of military and civilian unmanned systems when operating in extreme environments.



Sea

HaWC controllers can be customized for maritime unmanned applications, whether a remotely operated surface vessel or an exploration submersible.



Air

Portable HaWC controllers are ideal for operation of unmanned airborne vehicles (UAVs) in remote locations and harsh conditions.



For more information about the Mighty HaWC and other HaWC controllers, please call Clay Ogletree at 818-675-9112 or email sales.mason@esterline.com.

Esterline
13955 Balboa Boulevard
Sylmar, CA 91342
818-361-3366
www.esterline.com

Esterline
Control &
Communication Systems