



INTEGRATED MONITOR



GYRO-STABILIZED WEAPONS MOUNT OPTIMIZED FOR HARSH ENVIRONMENTS, AND GLOBALLY DEPLOYED

The Active Stabilized Platform with Scope (ASP-S) combines the firing accuracy of a remote weapon station with the situational awareness and rapid target engagement of a crew-served mount. This combination of decreased engagement time, increased accuracy, and increased situational awareness enables multi-target engagements in fast-paced, dynamic operational environments. Increased accuracy and situational awareness reduce collateral damage, making the ASP-S ideal to support security operations. The ASP-S is the world's most combat effective weapon mount, is available in crew-served; crew and remote; and remote-only configurations for 5.56mm, 7.62mm, and 12.7mm calibers.

Features

Designed for Harsh Environment

Gyroscopic Stabilization

Field Installable

Network Ready

Manual Mode

Optimized for Lowest Total Cost of Ownership (TCO)

Benefits

Fully sealed system made entirely of corrosion and UV-resistant materials ensures increased reliability in the harshest environments.

Dramatic improvements in weapon accuracy:

- Accurately engages targets at maximum effective weapon range
- Significantly increases standoff range (overmatch)
- Decreases time to detect, assess, and engage targets (overmatch)
- Decreases collateral damage
- Increases probability of hit
- Increases mission endurance (per engagement)

Complies with existing standard NATO mounts requiring no structural modifications to the platform.

Ethernet, RS232, RS422, and RS485 connectivity for easy network integration. Readily interfaced with battle management systems, datalinks, fire control systems, navigation systems, and other systems both on and off the host platform.

ASP-S defaults to manual mode and operates better than standard Mk 93 when powered off (or non-functional due to combat damage).

High reliability components, minimal training and minimal maintenance give the ASP-S lower life-cycle cost.

Applications

- ▶ Special Operations
- ▶ Port Security
- ▶ Drug Interdiction
- ▶ Border Security
- ▶ Convoy Security
- ▶ Ship Protection
- ▶ Counter Piracy
- ▶ Anti-drone Hard Kill

Specifications

System Weight	52 – 70 kg. (115 – 155 lbs.) depending on weapon kit and options
Dimensions	88cm L x 55cm W x 45cm H (34" W x 21" L x 18" H)
Supported Weapons	Supports most standard belt fed small caliber machines guns (5.56mm, 7.62mm, and 12.7mm)
Space Claim	Compact design provides capability to smallest platforms
Interfaces	Ethernet, FS232, RS422, and RS485 options available
Power	28 VDC Nominal (18-33 VDC) – Compatible with NATO vehicle power adapter
Aim Resolution	Less than 0.1 mrad (0.3 MOA)
Range of Motion	350° AZ, -20° to +60° EL (Configurable safety hard stops in 5° increments)
Environmental Standards	MIL-STD-810G, MIL-STD-1671A, MIL-STD-901E, MIL-STD-461, MIL-STD-464A, MIL-STD-882D
HD Low Light Color	Near-infrared sensitive for compatibility with laser pointers and illuminators
HD Thermal	High-definition long wave infrared (LWIR)

Available Options

Weapons Tray	M249, M240, M134, M2 or M3
Defilade Kit Package Options	<ul style="list-style-type: none">• Laser Range Finder – Eyesafe class 11 (EN 60825-1:2007): 1550 nm wavelength; 2.5km range• Multi-Target Detector- Reduce operator workload and decreases the time it takes to detect, acquire, and engage targets• Target Tracker- Reduce operator workload and increase operator effectiveness against moving targets• Ballistic Computer- Reduce operator workload and increase accuracy at long ranges and under inclement weather conditions
Accessories	Battery Box- Rechargeable Portable Power Unit (PPU) for installation without integration



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