



## GYRO-STABILIZED REMOTE CONTROL WEAPONS MOUNT OPTIMIZED FOR LAND OPERATIONS

The ASP combines the accuracy and safety of a remote weapon station with the flexibility and situational awareness of a Mk93, creating the most effective small arms mount ever built. Unlike other remote weapon stations, the ASP with a full remote kit can be operated locally or remotely without disabling the stabilization subsystems. Radically enhance mission effectiveness with ASP's increased precision, increased lethality, and decreased Total Cost of Ownership in a standard Mk93 footprint. Can deliver **10X** more rounds on target for a fraction of the cost of larger, legacy systems.

### Features

Designed for Harsh Environments

Gyroscopic Stabilization

Field Installable

Network Ready

Manual Mode

Optimized for Lowest TCO

### Benefits

Fully sealed system made entirely of corrosion and UV-resistant materials can provide years of reliable service in the harshest environments

Enables gunner to accurately engage targets out to the maximum effective range of the weapon. Dramatic improvements in weapon accuracy deliver:

- Significantly increased standoff range (effectively creating an overmatch capability)
- Decreased collateral damage
- Increased kills per loadout
- Greater mission flexibility (destroy / disable / warn)

Uses unmodified weapons and mounts to existing pintle requiring no structural modifications to the vehicle

Ethernet, RS232/422/485 connectivity for easy integration with Blue Force Tracker and FBCB2

ASP defaults to manual mode and operates exactly as a standard Mk 93 when powered off (or non-functional due to combat damage)

High reliability components, minimal training, minimal maintenance, and virtually no wasted ammunition give the ASP a lower TCO than the Mk93 over the life of a standard M2 .50 cal barrel

### Applications

- ▶ SPECIAL OPERATIONS
- ▶ PORT SECURITY
- ▶ DRUG INTERDICTION
- ▶ BORDER SECURITY
- ▶ CONVOY SECURITY



Along with vehicle specific operator control stations, Flex Force offers a stand alone station (above) to support temporary installations. Even with the remote kit installed, the ASP can still be operated locally without disabling stabilization (below).



## MECHANICAL AND ELECTRICAL

|                            |   |
|----------------------------|---|
| <b>System Weight</b>       | 130 - 160 lbs. (48 - 61 kg) depending on weapon kit |
| <b>Dimensions</b>          | 22.5" W x 35.4" L x 19.9" H (57cm x 90cm x 51cm)    |
| <b>Vehicle Space Claim</b> | Same as Mk93  |
| <b>Interfaces</b>          | Ethernet, RS232, RS422, RS485 (optional)            |
| <b>Power</b>               | 28 VDC Nominal (18-33 VDC)                          |

## PERFORMANCE

|                        |   |
|------------------------|---|
| <b>Stability</b>       | Less than 0.1 mrad (0.3 MOA)  |
| <b>Range of Motion</b> | 350° AZ, -20° to +60° EL, Configurable safety hard stops in 5° increments |
| <b>Slew Rate</b>       | up to 180° per second   |

## ENVIRONMENTAL

|                  |  |
|------------------|--|
| <b>Standards</b> | MIL-STD-810G, MIL-STD-1671A, MIL-STD-901E, MIL-STD-461, MIL-STD-464A, MIL-STD-882D |
|------------------|--|

## SENSORS

|                                     |  |
|-------------------------------------|--|
| <b>Wide field of view color</b>     | 4k CMOS focal plane array with integrated Bayer mosaic and selectable infrared cut filter. Focal length 8.2 mm for field of view of 42 x 23.5 degrees. 30 frames per second. |
| <b>Narrow field of view color</b>   | 4k CMOS focal plane array with integrated Bayer mosaic and selectable infrared cut filter. Focal length 17.6 mm for field of view of 20 x 11 degrees. 30 frames per second.  |
| <b>Wide field of view thermal</b>   | HD Long wave infrared: sensitive at 8 to 12 micron wavelengths. Focal length 19 mm for field of view of 36 x 27 degrees. 30 frames per second.                               |
| <b>Narrow field of view thermal</b> | HD Long wave infrared: sensitive at 8 to 12 micron wavelengths. Focal length 50 mm for field of view of 12.5 x 10 degrees. 30 frames per second.                             |
| <b>Laser Range Finder</b>           | Eye-safe operation: wavelength of 1550 nm<br>2.5km range   |

## FIRE CONTROL

|                              |   |
|------------------------------|---|
| <b>Multi Target Detector</b> | Reduce operator workload and decrease the time it takes to detect and acquire targets                 |
| <b>Multi Target Tracker</b>  | Reduce operator workload and increase operator effectiveness against moving targets                   |
| <b>Ballistic Computer</b>    | Reduce operator workload and increase accuracy at long ranges and under inclement weather conditions. |
| <b>INS Integration</b>       | Enables geo-point tracking for rapid target acquisition when integrated with digital battle network   |



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