

# Remote Control Weapon Station



## Remote Control Weapon Station

- Dual and single weapon variants
- Can be mounted on a wide variety of vehicles
- Allows operation under protection
- Day / Night operation
- Stabilised and video track for better accuracy



**ST Kinetics**

A company of ST Engineering



Remote Control Weapon Station



Remote Control Weapon Station on Armoured Personnel Carrier



Modular Electronics and Control Unit

## Remote Control Weapon Station

- ST Kinetics' Remote Control Weapon Station (RCWS) is a remotely operated two-axis stabilized weapon system. The versatile system provides the gunner with enhanced target engagement whether the platform is stationary or on the move. The RCWS is available in either single or dual weapon configuration. The wide range of weapons that may be mounted include the 7.62mm Coaxial, CIS 50MG and the CIS 40AGL.
- Equipped with advanced sightings and video tracking to enhance target engagement regardless whether the platform or the target is stationary or on the move.
- Compact Sensor Unit with a CCD day camera and cooled thermal imager enables the gunner to operate the system in day and night operations.
- The specially mounted Sensor Unit enables the gunner to maintain his line-of-sight with the target especially when the weapon is in super-elevation angle.
- Video and audio recorder allows recording and playback of footage recorded by the gunner.
- Modularity of the electronics and control units allows flexible installation.
- The weapon station allows inhibit zones for firing and motion to be defined by gunner or by default
- Integrated Round Counter enables the gunner to access the remaining number of ammunition for target engagement.
- Multiple settable target reference points allow rapid slewing of the weapon station to the pre-designated surveillance points.
- The weapon station permits automatic scanning for surveillance purposes.

## Technical Specifications

<b>Compatible Weapon System</b>		CIS 40AGL , CIS 50MG, 7.62mm GPMG
<b>Total Height</b>		Approx 730 mm
<b>Weight on deck (with weapon and ammunition)</b>		350 kg
<b>Elevation</b>		-10° to +60°
<b>Traverse</b>		Continuous 360°
<b>Fast Traverse speed</b>		90° per sec
<b>Fast Elevation speed</b>		45° per sec
<b>Day Camera</b>	Type	Colour CCD
	FoV	1.2° to 34°
	Focus Range	30 m to infinity
<b>Night Camera</b>	Type	InSb Cooled
	Spectral Band	3-5µm
	FoV	Optical 4.0° and 12.2°; Digital 2.0° and 6.1°
<b>Laser Range Finder</b>	Range	50 - 5,000m
	Range Resolution	±2.5m
	Range Accuracy	±2.5m
	Eye Safe	Class I
<b>Optional</b>		40mm Air-Bursting Munition System

*Note: Specifications are subject to change by the manufacturer without prior notice.*