



Combat Proven Technology



EOS R-600 Stabilized Remote Weapon Station The Ultimate Weapon Station

R-600 is capable of operating two weapons for maximum firepower, mission flexibility and responsiveness in operation.

A combination of **any one or two** of the following automatic weapons can be mounted: 40 mm AGL, 12.7 mm HMG, 7.62 mm GPMG, 5.56 mm LMG. Twin automatic weapon configurations and single canon up to 30 mm can also be operated from R-600.

Ballistic protection is available up to STANAG 4569 Level 2.

First-round hit probability is exceptional because the ballistic solution takes into account weapon, ammunition, range, atmospheric environment, vehicle attitude and target motion. An integrated video tracker is standard.

R-600 integrates advanced surveillance capabilities, including stabilized long-range sensors and battlefield sector scanning with up to 200 pre-settable target reference points for rapid engagement of likely targets directly from surveillance mode. Sensors are integrated into compact, pre-aligned sensor units and are available from multiple sources.

Extensive built-in test and diagnostics rapidly isolate faults or damage. R-600 continues the tradition of reliability and high operational readiness rates of EOS weapon systems in operations.

R-600 is plug-and-play compatible with other EOS weapon systems. Below-armour control systems and above-armour mounting and cabling are fully compatible.

R-600 is the ultimate weapon station.

AT A GLANCE

- Dual or single weapon station with a wide range of weapons supported
- Fully stabilized
- High degree of ballistic protection
- Small dispersed modules allow integration into tight internal vehicle spaces
- Integrated video tracker and integrated video and audio recording options
- Integrated battlefield sector scan including 200 pre-settable target reference points
- Integrated firing inhibit zones with field adjustment
- Modules in common with EOS R-series weapon systems from R-600 through R-200
- Compact sensor unit housing all sensors in an open architecture with multiple vendors
- Full BIT with advanced logistics support
- Scaled for 6 - 8 wheel fighting vehicles:

The Ultimate Weapon Station

EOS R-600 Technical Data

ENVIRONMENTAL DATA

Height above roof	712 mm
Weight above roof	220 kg (without ammunition, protection, weapon)
	377 kg (with M2 +Mk1 and 500 rds ammunition)
Weight below roof	26 kg
Operating temperature	-46°C to +60°C
Elevation	-10° to +60°
Elevation rate	45°/sec
Azimuth	n x 360°
Azimuth rate	120°/sec
Power supply	28 V dc - 40 A

FIRING DATA

Weapon Integration

(list of integrated weapons available upon request)

Universal cradle 5.56 mm or 7.62 mm and 40 mm AGL
Universal cradle 5.56 mm or 7.62 mm and 12.7 mm

25 mm canon
30 mm canon
SGL compatible

SENSOR DATA

Daylight Camera (colour CCD)

Zoom range	x30 continuous
FoV	< 1.2° to > 34° on the display
	30 m to ∞
Focus range	
DRI (2.3 m x 2.3 m NATO target)	
Detection range	> 8000 m
Recognition range	> 4700 m
Identification range	> 2900 m

Thermal Imager

Type	InSb cooled
Spectral band	3 - 5 µm
Sensor resolution	640 x 512 pixels
Zoom	x10 continuous
FoV (H)	3° - 31°
Focus range	30 m to ∞

DRI (2.3 m x 2.3 m NATO target)

Detection range	> 13800 m
Recognition range	> 4600 m
Identification range	> 2300 m

Laser Rangefinder

Type	Eye Safe Class 1
Wavelength	1.54 µm
Laser measurement rate	0.1 Hz
Laser range capability	50 - 7500 m
Range accuracy	± 2.5 m
Range resolution	± 2.5 m

OPTIONS

Ballistic Protection STANAG 4569 Level 2

Acoustic Sensors

OPTIONS

Thermal imagers with different range performance as well as complete third party camera systems available upon request.

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