

R400S-Mk2-D-HD



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Precise mobile engagements up to 2km with 30mm lethality are now a reality.

The R400S-Mk2-D-HD provides a reliable, flexible and powerful remote weapon system for a broad range of fighting vehicles, wheeled or tracked.

The R400S-Mk2-D-HD continues the commitment to refine and improve EOS' remote weapon system product range. The R400S-Mk2-D-HD remains a single system specifically developed to provide 30 mm firepower in a high precision weapon system weighing less than 400 kg. It retains its R400S heritage to operate a variety of other weapons including machine gun and automatic grenade launcher.

The first round hit probability is provided through an enhanced integrated ballistic solution which analyses weapon and ammunition data, range and ambient environment in addition to vehicle attitude and dynamics. Performance can be further enhanced with optional video tracking of targets and multi-axis stabilisation.

The R400S-Mk2-D-HD is 'plug-and-play' compatible with other EOS weapon systems. Below armour control systems linked to above armour mounting and cabling are compatible with other family members.



The advanced technology of the RWS combined with the lightweight 30 mm NG M230 LF cannon provides light vehicles with unprecedented access to firepower normally reserved for much heavier (armoured) vehicles.

The R400S-Mk2-D-HD has a variant for tracked vehicles which minimises high frequency road and vehicle vibration to optimise the video image displayed to the operator. This variant can also track faster moving targets such as drones and speedboats.

SPECIFICATIONS	DUAL CONFIGURATION				
	M230LF/7.62 MM GPMG	M230LF	12.7 MM HMG	7.62 MM GPMG	40 MM AGL
Height above roof	900 mm/ 35 inches	900 mm/ 35 inches	714 mm/ 28 inches	740 mm/ 29 inches	714 mm/ 28 inches
Weight above roof - inc weapon and max ammunition	408 kg/ 900 lbs	355 kg/ 782 lbs	295 kg/ 650 lbs	230 kg/ 507 lbs	265 kg/ 584 lbs
Weight below roof - Control Group	21kg				
Max ammunition load	M230LF - 160 rds 7.62 mm - 400 rds	150 rds	500 rds	1000 rds	96 rds
Elevation/depression	+45° / -10°	+45° / -10°	+60° / -20°	+60° / -20°	+50° / -20°
Sweep radius	1.5 m	1.5 m	0.9 m	0.5 m	0.5 m
Firing stability	<1 mrad				
SENSOR UNIT	DAY CAMERA		THERMAL IMAGER		
Detection range	> 12,000 m		> 13,700 m		
Recognition range	> 5,600 m		> 5,100 m		
Identification range	> 4,700 m		> 4,000 m		