



R400

Lightweight lethality with precise mobile engagements up to 2 km

The R400, EOS' lightweight remote weapon station (RWS), employs up to 30 mm × 113 mm calibre at a significantly lower weight, and with greater accuracy and reliability, than competitors in the RWS marketplace. This advanced technology provides lighter vehicles with unprecedented access to firepower normally reserved for much heavier platforms.

The R400 can be integrated to a range of lighter vehicles without compromising payload, mobility or useability. It is a single system that has been specifically developed to provide up to 30 mm firepower in a high-precision weapon platform weighing less than 400 kg.

The R400 retains its organic flexibility to operate a variety of other weapons, including machine guns and automatic grenade launchers. It is "plug-and-play"-compatible with other EOS weapon systems.

The R400 enables the operator to engage targets from ground targets to small to medium UAS and employ weapons to their maximum range while maintaining an accurate four-axis-stabilized lock on targets regardless of parent vehicle movement and vibration.

KEY FEATURES

3 and 4-axis stabilizer

Flexible ballistic protection

Small, dispersed control modules allow integration into tight internal vehicle spaces

Sub-milliradian accuracy

Integrated video tracker with video and audio recording options

Integrated firing inhibit zones with field adjustment

All sensors housed in a single compact unit

All arms counter-drone

Plug-and-play compatible with other EOS weapon systems

Single and dual weapon capable, both with optional ant-tank guided missiles.

The R400 outperforms its competitors in the market with exceptional accuracy and reliability.



SPECIFICATIONS	Dual Configuration M230LF / 7.62 mm GPMG*	M230LF	12.7 mm HMG	7.62 mm GPMG	M134D	40 mm AGL
Height above roof	900 mm	900 mm	714 mm	740 mm	740 mm	714 mm
Gross weight above roof (inc. weapon and max. ammunition)	408 kg	355 kg	295 kg	230 kg	230 kg	265 kg
Weight below roof – Control Group	21 kg					
Max. ammunition load	M230LF – 160 rds 7.62 mm – 400 rds	150 rds	500 rds	1000 rds	3000 rds	96 rds
Elevation / depression	+60°/-10°	+60°/-10°	+60°/-20°	+60°/-20°	+60°/-20°	+50°/-20°
Sweep radius	1500 mm	1500 mm	900 mm	500 mm	500 mm	500 mm
Gimbal firing stability	<1 mrad					

* The M230 can fire the suite of 30x113 mm ADEN or DEFA ammunition, however NG M230 ammunition cannot be fired by ADEN or DEFA designed cannons.

SENSOR UNIT	DAY CAMERA	THERMAL IMAGER
Detection range	> 12,000 m	> 13,700 m
Recognition range	> 5600 m	> 5100 m
Identification range	> 4700 m	> 4000 m

UNCREWED LETHALITY



SELF PROTECTION



CONTAINERIZED SYSTEM



MARITIME SYSTEM



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