

HALCON

LOGIR Guided Rocket

MAXIMUM
ACCURACY
SUPERIOR
PROTECTION



HALCON's LOGIR (Low-cost Guided imaging Rocket) is a multi-platform guided rocket provides forces with a surface warfare (SUW) capability to counter fast inshore attack craft (FIAC). This fire-and-forget rocket features inertial navigation guidance and IIR (Imaging Infrared) seeker terminal guidance with electric-optical director system (EODS) for target data acquisition in all conditions.

The rocket features a rocket motor with reduced-smoke propellant and minimised secondary flame, a high-explosive blast type warhead and a double-safety fuse system.

halcon.ae

SYSTEM FEATURES

ADDITIONAL FEATURES

Imaging IR seeker	Uncooled Strap-down seeker
INS / GCU	<ul style="list-style-type: none">• MEMS-based IMU• Real-time inertial navigation guidance• Image-based homing algorithm (ATA)
Control actuation system	<ul style="list-style-type: none">• Four Canards Actuator system• Folding fins

SPECIFICATIONS

Maximum Range	>8km	Guidance	<ul style="list-style-type: none">• Mid guidance[INS]• Terminal Guidance[IIR Homing]Terminal Guidance[IIR Homing]
Minimum Range	~ 1.5km	Seeker type	Un-cooled Strap-down IIR [640*480]
Weight (missile)	15 [kg]	Target tracking	Automatic or manual tracking
Length	X 1.9 [m]	Maximum missile load	Ground launcher [8 Rockes] Naval launcher [12 Rockets] Airborne launcher [4 Rockets]
Weight (warhead)	> 4kg	EODS maximum detection Range	> 12km
		EODS maximum tracking range	> 9km