



MARTIN ELECTRONICS, INC.

Product Information Sheet

High-altitude **U**nit **N**avigated **T**actical **I**maging **R**ound

Description

The **HUNTIR** Round is a fixed-type cartridge designed to be fired from a 40mm grenade launchers M79 and M203 (attached to the M16/M16A1 rifle) or a Milkor MK-1 grenade launcher. The round consists of a cartridge case assembly, and a metal projectile body containing a first fire charge, a pyrotechnic delay column, an ejection charge, an IR CMOS Camera, and parachute assembly. Upon firing, the projectile assembly is propelled to an average height of 1000 feet, the first fire charge ignites the pyrotechnic delay element, which ignites an ejection charge that effectively ejects the IR CMOS Camera, which is attached to the parachute. The IR CMOS Camera provides up to **7 minutes** of real-time streaming video to any handheld device with a corresponding transmitter.

The cartridge case assembly contains an appropriate amount of M9 propellant to achieve projectile height requirements. The first fire initiation and ejection charges are comprised of pressed black powder. The pyrotechnic delay column is comprised of typical elements. The IR CMOS Camera has been specifically designed and developed for this purpose and can provide detailed video with a range of up to 1 mile line-of-sight. In today's combat environment its nice to know what's several miles in front of you, but it's life and death to know what's two blocks in front of you. MEI is answering the call with the **HUNTIR**.



Be the **HUNTIR** not the prey!

Technical Information

Type	Recon/Video Imaging	Body Material	Aluminum
Weight	85 grams	Camera	OV7930 CMOS IR
Length	110mm	Delay Charge	M9
Weapons	M79, M203, Milkor MK-1 launchers	Video Format	NTSC Composite
Freq Range	2400-2500 MHz	RF Output	+20dBm
Altitude Max.	1000ft	Muzzle Velocity	106mps (350fps)

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