

Israel's Iron Sting guided mortar

The Israeli military is using a new weapon system named Iron Sting as it continues its campaign of strikes against Hamas militants

120mm guided mortar bomb

Homing head and fuse

Guidance unit incorporates both laser and GPS technology

Fragmentation and penetration warhead

Tail cone

Ignition and propellant cartridge

Wings extend after launch, allowing bomb to manoeuvre to its target

Fin assembly

Launch

Bomb fired from **Cardom** mortar system mounted on **M113** armoured personnel carrier or **Humvee**

■ **Range:** 1-12km, depending on mortar tube

■ **Accuracy:** Bomb has maximum deviation level of 10 metres in 90 percent of cases

■ **Warhead:** 10.8kg. Claimed to be capable of penetrating double reinforced concrete

■ **Bomb length:** 950mm

■ **Load time:** 15 seconds

Trajectory

Bomb follows steep arc, uses dual homing system for precision strikes in open terrain or urban areas

Target

Fuse can be set for point detonation, proximity or delay

