



■ THERMAL IMAGING SIGHT

GEMINI HD

Heat. In high definition.

HD THERMAL IMAGING FOR COMBAT UNITS

A dedicated short to medium range thermal weapon sight.
Compact, lightweight and fully nitrogen purged. Fits small arms in
4.6, 5.56, 7.62 mm and 9 mm, with four objective lens options.

KEY FEATURES

25, 35, 50 and 75 mm IR objective lenses
24-hour use
Electronic zoom 2× and 4×
PAL AV output
Flexible and versatile mounting
Non-ITAR

640×480

HD, 17 MM PITCH

4 lenses

25 / 35 / 50 / 75 MM

2× / 4×

ELECTRONIC ZOOM

460 g

FROM, NO BATTERIES

GEMINI HD

TECHNICAL SPECIFICATION

THERMAL

Detector	Amorphous silicon microbolometer
Core	640 × 480 HD, 17 µm pixel pitch, 30 Hz
Display	OLED 852 × 600 SVGA monochrome, 35° apparent HFOV

OPTICAL

Objectives	High quality IR, 25 / 35 / 50 / 75 mm
Eyepiece	Fully coated, 25 mm glass aperture
Dioptre adjustment	−6 to +3 minimum
Eye relief	27 mm

CONTROLS & I/O

Menu	On/off, white/black hot, contrast enhancement, 1× / 2× / 4× zoom, screen brightness
Input / output	Multi-pin socket: PAL video out, external power

ELECTRICAL

Power source	2× AA lithium
Battery life	Up to 4 h continuous

ENVIRONMENTAL

Ingress	IP68, nitrogen filled
Operating temperature	−20 °C to +55 °C
Storage temperature	−40 °C to +65 °C

PHYSICAL

Lens	Length*	Height	Width	Weight**
25 mm	135 mm	91 mm	79 mm	460 g
35 mm	135 mm	91 mm	79 mm	460 g
50 mm	173 mm	91 mm	79 mm	593 g
75 mm	188 mm	91 mm	89 mm	682 g

* Excluding eyepiece. ** Without batteries.