



01 / CAPABILITY OVERVIEW

GOGGLE IR 800X600

Goggle IR 800x600 handheld thermal binocular



FIG 01 PRODUCT CONFIGURATION

**1600 m man (1.8x0.5 m);
3100 m vehicle (2.3x2.3
m)**

DETECTION RANGE

**850 m man (1.8x0.5 m);
1100 m vehicle (2.3x2.3
m)**

RECOGNITION RANGE

**11.1 deg x 8.31
deg (+/-5%)**

FIELD OF VIEW

**<= 1.5 kg including
battery**

WEIGHT

01.1 / OVERVIEW

Handheld uncooled thermal binocular with 800x600 detector and wider field of view, with photo and video recording and USB output.

TYPE

Thermal binocular

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

GOGGLE IR 800X600 / TECHNICAL EQUIPMENT

PERFORMANCE

Detector resolution	800x600, 17 um
Spectral range	8 um to 14 um
Field of view	11.1 deg x 8.31 deg (+/-5%)
Detection range	1600 m man (1.8x0.5 m); 3100 m vehicle (2.3x2.3 m)
Recognition range	850 m man (1.8x0.5 m); 1100 m vehicle (2.3x2.3 m)

INTERFACES AND OPERATION

Power input	12 V supply or Li-ion battery
Working temperature	-40 deg C to +60 deg C

PHYSICAL DATA

Weight	<= 1.5 kg including battery
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ADDITIONAL TECHNICAL DATA

Focus	70 mm
Digital zoom	2x
View finder	OLED 1280x1024
Video storage	Built-in 16 GB SD card
Working time	>= 4 h without changing battery
Size	<= 210x170x100 mm