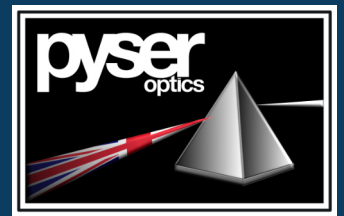


GEMINI SD



THERMAL IMAGING SIGHT



SD Surveillance Thermal Imaging

The GEMINI SD is our premium handheld observational thermal monocular series. It comes equipped with a 384×288 twelve micron infrared detector and a 1024×768 OLED display, for improved colour rendering. The GEMINI SD includes a more robust body/housing and a removable, rechargeable 18650 battery. These units also boast an impressive waterproof rating, which ensures users have peace of mind while utilising these under the vast majority of weather conditions.

With a built-in 64 GB memory the GEMINI also sits at the top of its class on the market, with advanced software supporting both video recording and image capturing.

- 12µm, 384×288 resolution detector
- Highest thermal sensitivity (NETD <20mK)
- Advanced image processing (Digital Detail Enhancement, Digital Noise Reduction and NLM Algorithm)
- 50 Hz image frame rate
- 1024×768 resolution OLED display
- Built-in memory supports video/audio recording and snapshot capturing
- 64 GB memory module
- Wi-Fi Hotspot
- 1×, 2×, 4× and 8× digital zoom
- Replaceable and rechargeable Li-Ion battery



All GEMINI models are delivered in protective pouches with fully illustrated operating instructions.

TECHNICAL SPECIFICATIONS

Model	GEMINI SD35
Detector Type	Vanadium Oxide Uncooled Focal Plane Array
Resolution	384×288
Pixel Interval	12 μm
Refresh Rate	50 Hz
Response Waveband	8μm to 14μm
NETD	≤20 mk (@25°C), F#=1.0
Detection Range (6' object)	1800 m
Lens (Focal Length)	35 mm
Aperture	F1.0
Field of View (H × V)	7.5° × 5.6°
Magnification	3× - 24×
Digital Zoom	1×, 2×, 4×, 8×
Diopter Adjustment	-5 to +3 dpt
Monitor	1024×768, OLED
FFC (Flat Field Correction)	Auto, Manual, External Correction
Palettes	Black Hot, White Hot, Red Hot, Fusion
Image Boost	Yes
Highest Temperature Spot Tracking	Yes
Wi-Fi Hotspot	Yes
Standby Mode	Yes
Storage	Built-in memory (64 GB)
Record Video/Audio	Yes / Yes (on-board)
Capture Snapshot	Yes
Battery Type	One 18650 Replaceable rechargeable Lithium battery
Battery Operating Time	Up to 7 hours
Power	5 VDC/2 A, 1.75 W
Interface	USB Type-C
Working Temperature	-30°C to 55°C
Protection Level	IP67
Dimension	188 × 58 × 65 mm
Weight	505 g

All specifications and designs correct at the time of publishing but may change in the future for product upgrade and improvements.

Export of this product from the UK is controlled under U.K. Export Licence Regulations.

All goods are supplied under our standard conditions of trade

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