




NOCTURNA

ILLUMINATING SECURITY



INNOVATIVE INFRARED NIGHT VISION SYSTEMS

SECURITY • SAFETY • SEARCH & RESCUE



AID EARLY DETECTION ON LAND OR WATER

SECURITY

DETECTION



SAFETY

GUIDANCE

PROTECTION

SEARCH & RESCUE

SEE WHERE OTHERS ARE BLIND



NIGHT VISION HOSTILE ENVIRONMENTS



NOCTURNA

ILLUMINATING SECURITY

Nocturna is a part of the award winning IRNV Group specialising in innovative infrared night vision products.

We provide hardware and support to security, military and blue light industries worldwide with our range of night vision products, providing crystal clear low light imagery up to 500 metres away.

Used by government and civilian search and rescue organisations, increasing search capabilities at night, increasing successful early detection of people lost or injured in low visibility scenarios. Ultimately saving lives and increasing survival rates in hostile environments.

Utilising ground breaking IR technology, we offer the most comprehensive, affordable night vision solutions on the market today.

SENTINEL

PRODUCT APPLICATIONS



SENTINEL

- Personal security
- Dog walkers
- Climbers and walkers
- Industry pipe work checking
- Aircraft pre-flight checks at night

SENTINEL ULTRA

- High end security guarding
- Military complexes
- Police work
- Covert work drug enforcement
- Border enforcement

SENTINEL PRO

- Manned guarding
- Rail line and tunnel checking
- Ship security
- Government complex security

SECURITY

Nocturna systems support your security personnel with hand-held, night vision equipment that gives you the edge in low to no visibility scenarios

SEARCH & RESCUE

Used by government and civilian search and rescue organisations, increasing search capabilities at night, enabling successful early detection of people lost or injured in low visibility scenarios, ultimately saving lives in hostile environments

SAFETY

Utilising ground breaking IR technology Nocturna systems give you the ability to scope out potentially dangerous landscapes for possible threats such as wild animals or unstable terrain

DETECTION

We provide hardware and support to security, military and blue light industries worldwide with our range of night vision products, providing crystal clear low light imagery

PROTECTION

When you need to know what's heading your way, Nocturna gives you the ability to identify potential threats in hostile environments up to 500 metres away

Even in a domestic setting our hand held products will help protect your home, giving you the ability to see clearly in the dark of night or in the most enclosed spaces

Detail	Sentinel	Sentinel Pro	Sentinel Ultra
Unit Dimensions (LxWxH mm)	76x74x207	76x74x207	76x74x207
Unit Mass (kg)	0.320	0.320	0.375
Dock Dimensions (LxWxH mm)	-	76x69x106	76x69x106
Dock Mass (kg)	-	0.080	0.080
USB Cable Length (m)	-	-	1.2
Illuminator Wavelength (nm)	940	940	940
Illuminator total Flux (mW)	200	400	400
Screen Size (Diag ")	2.4	2.4	2.4
Screen Ratio (H:V)	4:3	4:3	4:3
Number of Pixels	76,800	76,800	76,800
Camera Sensitivity (minimum Lux)	0.01	.01	.01
Viewing Angle (horiz °)	15	12	12
Effective Range (man sized object (m))	50	100	100
Operating Temperature Range (°C)	-10, +50	-10, +50	-10, +50
Storage Temperature Range (°C)	-25, +70	-25, +70	-25, +70
Operating Time (hh:mm) Full Illumination	09:48	07:28	04:58
Operating Time (hh:mm) Low illumination	09:48	18:31	08:20
Battery Recharge Time (hh:mm)	01:30	01:30	01:30
Battery Charge/recharge cycles	>750	>750	>750
IP Rating	-	IP65	IP65
Recording Duration	-	-	8hrs
Time & Date Stamp	-	-	UTC
Position Stamp	-	-	Long. & Lat.
USB Access (Mass Storage)	-	-	Micro USB



SENTINEL

HAND-HELD NIGHT VISION SYSTEM

The SENTINEL range is a compact hand-held infra red night vision camera, that can be used to view and record video footage via a 2.5" (63mm) LED screen. The basic model starts with a range of 50m,

extending to 100m for the PRO and ULTRA. SENTINEL is ideal to covertly observe and record situations that may otherwise be hidden by darkness.

Video footage may be used as legal supporting evidence.





SENTINEL ULTRA

- Identification up to 100m
- Integral recording – Footage easily downloadable via USB port
- GPS stamp on recordings
- Backlight and illumination adjustment
- Lightweight
- Hand-held
- Simple to use
- On / off switch
- Includes docking station for charging and belt pouch
- To be used in Security, Search & Rescue and Protection
- 20-100m Focus



SENTINEL PRO

- Identification up to 100m
- Backlight and illumination adjustment
- Lightweight
- Hand-held
- Simple to use
- On / off switch
- Includes docking station for charging and belt pouch
- To be used for Security, Search & Rescue and Protection
- 10-100m Focus



SENTINEL

- Crystal Clear IR viewing
- Identification up to 50m
- Lightweight
- Hand-held
- Simple to use
- On / off switch
- Charger & belt pouch included
- To be used for Personal & Home protection
- 5-50m Focus



SPOTTER

HAND-HELD NIGHT VISION SYSTEM

The NOCTURNA SPOTTER is a hand-held infra red night vision camera, that can be used to view and record video footage at up to 500m, via a 2.5" (63mm) LED screen.

The SPOTTER is ideal for covert observation and recording situations that may otherwise be obscured by darkness. Video footage may be used as legal supporting evidence.





NOCTURNA SPOTTER ULTRA

- Auto focus
- Integral recording
- Identification up to 500m
- 20x optical zoom
- Field of view 25°
- Operational run time up to 20 hours
- No ambient light required
- IR frequency 940nm
- Water resistant
- Built in rechargeable 3.5Ah battery
- All-in-one night vision system



NOCTURNA SPOTTER PRO

- Identification up to 500m
- 20x optical zoom
- Field of view 25°
- Operational run time up to 20 hours
- No ambient light required
- IR frequency 940nm
- Water resistant
- Built in rechargeable 3.5Ah battery
- All-in-one night vision system

NOCTURNA

3500 SECURITY TORCH

This rugged and powerful torch is constructed from aviation-grade aluminium alloy. The high-power Q5 CREE LED bulb offers 100,000 hours of bulb life with three functions (steady-high, steady-low,

flashing) and adjustable beam focus for flood and spotlight ranges. The water-resistant design houses a 4500mah rechargeable battery with integrated recharging point and over 180minutes battery life from a single charge.



At NOCTURNA we design all our products with a focus on the end user, taking into consideration the many different environments and situations that the equipment will have to cope with. With this in mind NOCTURNA have produced helpful utilities that will be added to in the near future.

ACCESSORIES

SECURITY BELT

- Quick release
- Easily adjustable
- Hard wearing webbing
- Colour: Black
- Pouch for radio

MULTI DOCKING STATION

- Charge up to 6 products
- Only for use with Sentinel Pro and Ultra
- Available 2017



PART OF THE **IRNV** GROUP

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