



Night & day vision enhancer

- Fully digital, all-in-one device with 3 viewing modes: visible, thermal, smart fusion
- Night & day Detection, Recognition, Identification up to 3km
- Image recording, HD video output, wireless up & down communication
- GPS & Inertial Measuring Unit (IMU) for accurate detection



FUSIONSIGHT®

LIGHTWEIGHT NIGHT & DAY VISION ENHANCER

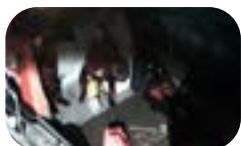
FusionSight® is a lightweight Night & Day Vision Enhancer combining two viewing modes, based on colour low light and thermal cameras, to use separately or in smart fusion.

Especially adapted to the infantry chiefs and special forces requirements, this reliable handled device is efficient on the field during operations facing hidden and camouflaged enemies. Drastically enhancing the detection of threats and targets of interest, FusionSight® is also a key

device for Police and Homeland Security during investigation missions for quick or long-term surveillance tasks. FusionSight® provides substantial support even under limited visibility conditions for search & rescue of missing persons and casualties under wreckage.

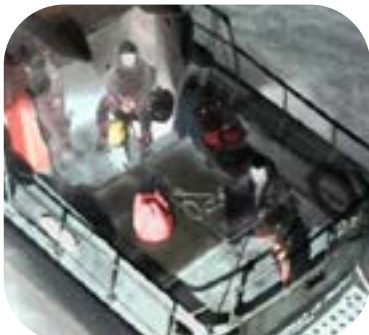
Fully digital and designed for users, FusionSight® allows evidence pictures' snapshots and live streaming on multiple interfaces, for long-term team operations.

Patented smart fusion



VISIBLE

A colour imaging sensor provides a first image in extreme low light conditions (~10 mlx) without additional illumination.



SMART FUSION

The embedded real-time image processing automatically selects key information from each sensor to enhance field vision in night & day conditions.



THERMAL

A high-resolution thermal sensor provides the direction of people in any night conditions (up to night 5).

Ranges

DETECTION	Vehicle*	2950m
	Person**	1480m
RECOGNITION	Vehicle*	990m
	Person**	490m
IDENTIFICATION	Vehicle*	490m
	Person**	245m

DAY NIGHT

* 2.3m x 2.3m

**0.5m x 1.75m

Technical features

Thermal sensor UC (8-12µm)
640 x 480 @17µm)

Visible sensor CMOS visible sensor
1280 x 1024p

Display OLED Full HD
1280 x 1024

Night FoV W: 32° / N: 8°

Day FoV W: 29° / N: 7.25°

Autonomy 7 hours

Weight 990g

Embedded sensor Compass
9-axes IMU and GPS

Embedded functions Image recording
Up & down wireless com.

Video output 25Hz HD color