

# FusionSight®



## 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 3 km
- 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

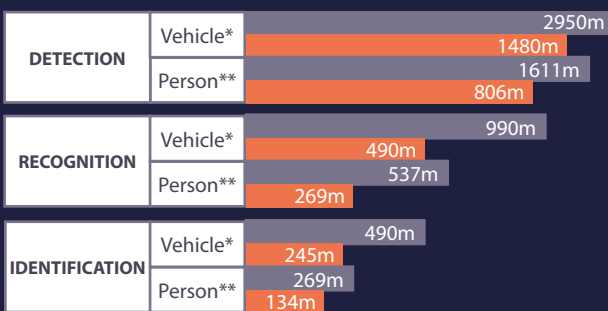
The embedded real-time image processing automatically selects key information from each sensor to enhance field vision in night & day conditions.



#### THERMAL

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

### Ranges



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	990 g
Embedded sensor	Compass 9-axes IMU and GPS
Embedded functions	Image recording Up & down wireless com.
Video output	25Hz HD color