

eSAS-XTREM

XR VISION SYSTEM FOR OPERATORS IN EXTREME CONDITIONS

SEE THROUGH & BEYOND. UNDERSTAND FASTER. ACT SOONER.

Advanced situational awareness & operator protection powered by 35+ embedded sensors

In the most challenging environments (**total darkness, smoke, urban complexity, multiple threats**) operational performance depends on one key factor: speed of comprehension.



ONE PLATFORM. 3 OPERATIONAL ADVANTAGES.



SEE

THROUGH

Smoke
Darkness
Thermal



UNDERSTAND

FASTER

Threat detection
Mixed reality (XR)
Embedded intelligence



PROTECT

THE OPERATOR

Lone Worker Protection (LWP)
Man-down detection
Team coordination in real time

DESIGNED FOR EXTREME ENVIRONMENTS



FIREFIGHTERS & RESCUE

Industrial fires
Smoke
Search & Rescue



INDUSTRY & CRITICAL INFRASTRUCTURE

Isolated workers
Hazardous areas
Emergency response



MORE THAN A HELMET.
A MULTI-SENSOR XR PLATFORM.

www.nexvision.fr

A CONCENTRATION OF TECHNOLOGIES !

eSAS-XTREM combines the most advanced technologies to give operators **superior awareness, faster decisions and maximum safety.**

**SEE THROUGH
& BEYOND.
FIND YOUR WAY.
COMMUNICATE.
MAKE PROGRESS.
FIND WAY OUT.**

> DETECTION OF VICTIMS, FIRE SOURCES & HOTSPOTS

> GAS DETECTION / EXPLOSIMETER

> PROGRESS & NAVIGATION SUPPORT

- Location / geolocation
- Team member tracking & Safety of the pair

> COMMUNICATION & TELEMETRY

- Reporting information back to command - Director of Rescue Operations / Emergency Operations Commander.



MULTI-SENSOR FUSION • REAL-TIME INTELLIGENCE • OPERATIONAL ADVANTAGE



HMSD

Helmet Mounted Sight & Display

All critical information in your field of view.



360° SITUATIONAL AWARENESS

Early detection of threats and hazards from all directions.



OST - OPTICAL SEE THROUGH

Natural vision with unmatched clarity.
Stay connected to your environment.



LIGHTWEIGHT & BALANCED

More comfortable and better balanced than traditional NVGs.



DARK NIGHT VISION

Exceptional performance in the darkest conditions.



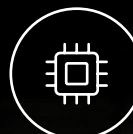
10 HOURS MISSION CAPABILITY

Designed for long operations without compromise.



WIDE (80°) & UNOBSTRUCTED FOV

Maximum situational awareness with minimum blind spot.



EMBEDDED INTELLIGENCE

Onboard processing for AI-assisted detection and decision support.



THERMAL / VISIBLE FUSION

Detect, recognize and understand what matters, day or night.



NETWORK CONNECTIVITY

Secure data sharing and real-time coordination with your team.



LONE WORKER PROTECTION (LWP)

Continuous safety monitoring for isolated operators.



MAN-DOWN DETECTION

Automatic detection of loss of verticality and critical situations.



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