

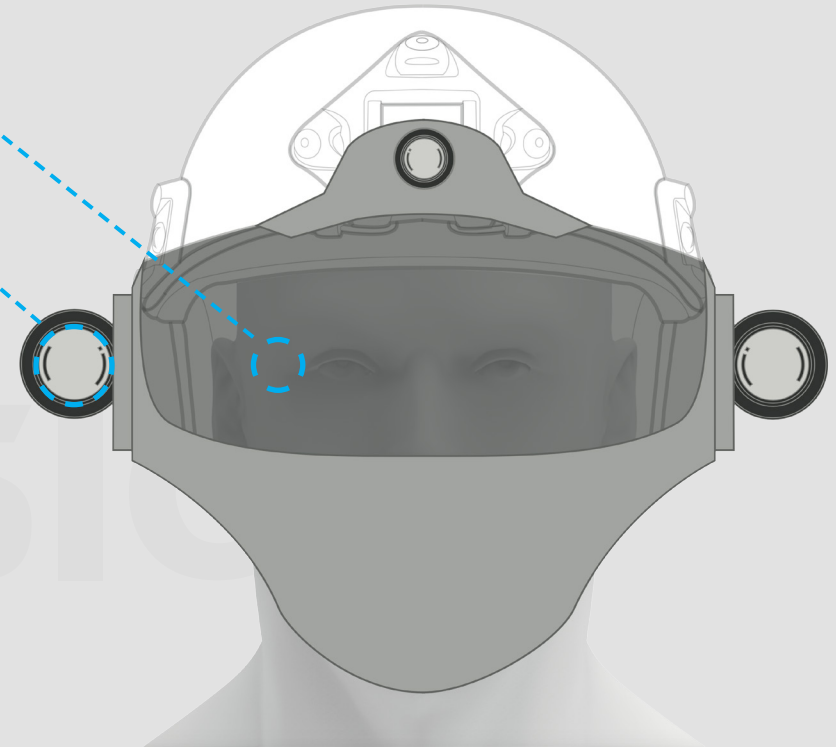


NVS-11 : NIGHT VISION SYSTEM FOR SPECIAL FORCES

AUGMENTED REALITY ON THE VISOR (data & multi image sensor fusion display)

FEATURES

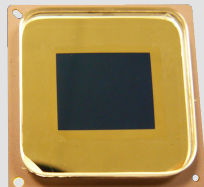
- Image projection on the visor thanks to micro-oled displays
- EBCMOS night vision sensor (NATO level 5)
- MWIR/Thermal sensor
- Augmented reality on the visor (data & multi image sensor fusion display)
- Mission-based symbology
- Human body detection, pattern matching, friends localization (to avoid blue on blue)
- Field of view > 80°
- Embedded image processing & analysis (Nvidia Tegra family GPU)
- Separate sensor & display => Removable tactical optronic (IR cam, wireless spy cam)
- Simultaneous Day/Night mode with the same sensor without interruption
- High resolution
- Best depth restitution Interoperability with C4-ISTAR
- System lighter than other existing systems :
 - Less than 700g on the helmet
 - Less than 1.5kg on the soldier, including batteries & processing unit
 - Standard helmet mount






EBCMOS SENSOR

- Definition: 1.3Mpixel or 4Mpixel
- Black and white
- Sensitivity: 100µLux
- Automatic day night commutation
- Sensor cooling

PHOTONIS



WHAT YOU SEE INSIDE THE VISOR

 (+33) 4 91 77 62 86
 contact@nexvision.fr
 www.nexvision.fr | France

