

SPHERE100

 Ex-Sight.Com
O N E S H O T



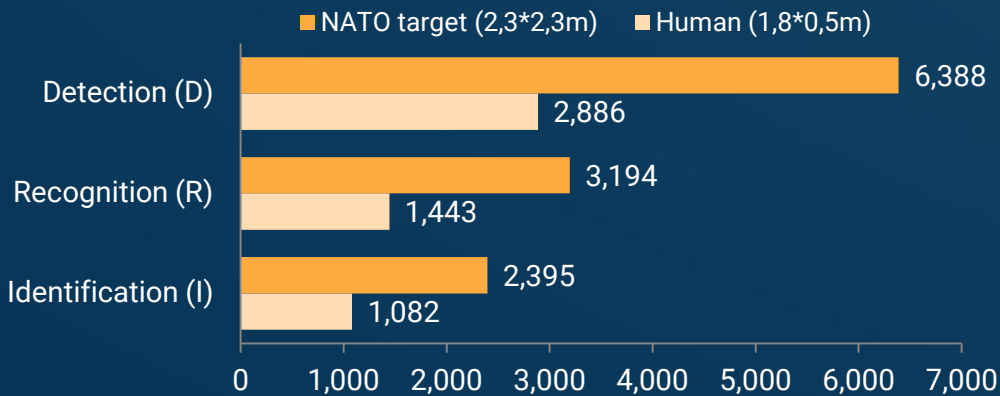
SPHERE100

LWIR UNCOOLED GYRO STABILIZED SYSTEM

- GLOBAL SHUTTER DAY 1600x1300 x36 Zoom
- UNCOOLED LWIR 12 μ m, 640x512, LENS 20-100 mm
- LRF up to 8KM NATO Target
- ETHERNET INTERFACE
- IP-67 NITROGEN PURGED MARINE GRADE CHASSIS

SPHERE100

DRI LWIR (m)



LWIR UNCOOLED GYRO STABILIZED SYSTEM

- True North Dual GPS INS*
- Ethernet interface
- Full HD Global Shutter 1600x1300, 60FPS, x36 Zoom 4,5mm-162mm sensor H-FOV 59,0° to 2,4° V-FOV 33,6° to 1,4°; Sapphire Window
- LWIR 640x512 x5 Cont. Zoom 20-100mm
- 4K Scene module, 4mm Lens, Sapphire window
- LRF up to 8KM NATO Target
- Light Weight Rugged Aluminum structure
- Ex-Sight DESK Application, SDK Open Source C#
- IP-67, MIL.STD, with hermetic D38999 Stainless Steel connector
- Operating temp -20°C to +80°C
- **Dimensions (LxWxH, mm)** 317x312x456
Ø 280
- **Weight** 26 Kg

* Optional Configuration

SYSTEM OVERVIEW



LWIR ZOOM SENSOR

LWIR 20-100mm

DAY ZOOM SENSOR

GLOBAL SHUTTER 60FPS
1600x1300
x36 ZOOM
4,5mm-162mm
SAPPHIRE WINDOW

DAY SCENE SENSOR

CAMERA SCENE 90° 4K
SAPPHIRE WINDOW

LRF

LASER RANGE FINDER
Up to 8KM
NATO Target
SAPPHIRE WINDOW

SHOCK ABSORBERS

- EX-SIGHT DESK APPLICATION, SDK OPEN SOURCE C#
- LASER POINTER ON LRF CAMERA
- ETHERNET & ANALOG INTERFACE
- IP-67

SPHERE100

DIMENSIONS (LxWxH, mm) 317x312x456 ø 280

