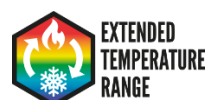


NEMOSYS SR™



A modular range of optronic solutions embedded on a precise and dynamic two-axis Pan & Tilt, including analog or full HD colour camera, and uncooled (Band III, LWIR) thermal camera.

Specially hardened in harsh environments, NEMOSYS SR™ is resistant to water, shocks, extreme temperatures and intense electromagnetic radiation.

It allows short range surveillance, effective day and night, for protection and security of your sensitive sites.

- Short distance all-weather observation
- Monitoring of sensitive infrastructures (Oil and chemical industries, nuclear power plants)
- Monitoring of borders and coastal areas
- Ports and airports surveillance



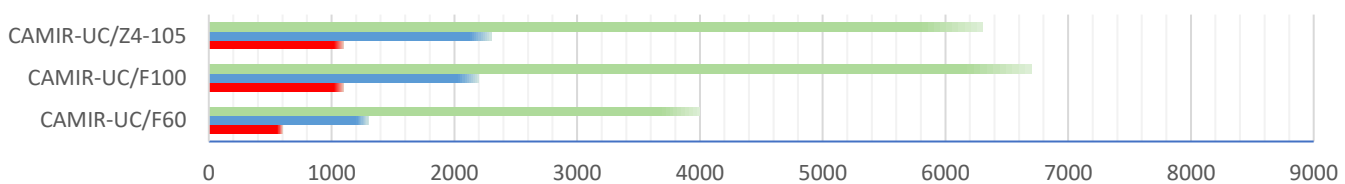
Non contractual pictures



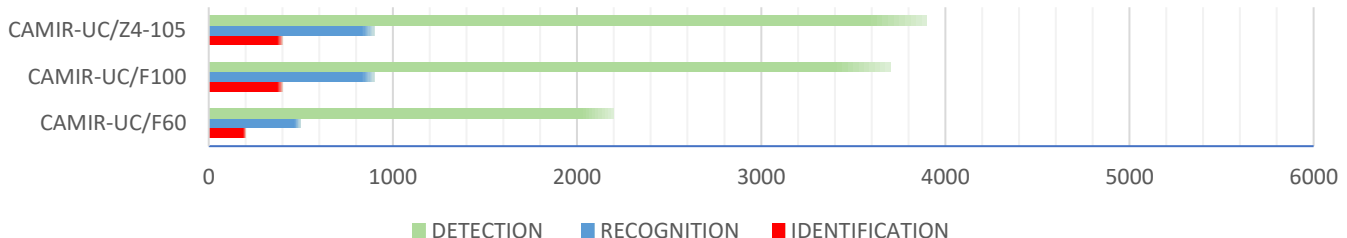
OMNICAM XVB204 Pan & Tilt	
2 axis Pan & Tilt	
Tilt range	-90°/+90° with blocker
Pan range	360° continuous
Pan speed	0.6° to 40°/sec (according to payload)
Tilt speed	0.3° to 15°/sec (according to payload)
Repositioning position (on PRSET) Error	≤ 0.1°
CAMEZOOM-FHD/Z30-129 Day camera	
Sensor	CMOS Colour 1 /2.8" Exmor full HD 1080/60p – 2.38 Mp
Resolution	1920 x 1080
Sensitivity colour	0.01 lx
Sensitivity B/W	0.0015 lx
Continuous zoom	30x optical zoom – F = 4.3 to 129 mm Field of view from 63.7° to 2.3° (H)
CAMIR-UC uncooled Thermal Camera	
Technology	Uncooled Microbolometer Vox
Spectral bandwidth	7.5 to 13.5 μm
Pitch	17 μm
Resolution	640 x 512 pixels
NETD	50 mK typical – 30 mK optional
Focus Control	Auto / Manual
Different continuous optical zooms available	CAMIR-UC/F35 @ f/1.2: Fixed focal lens – F = 35 mm Horizontal Field Of View: 18° CAMIR-UC/F60 @ f/1.25: Fixed focal lens – F = 60 mm Horizontal Field Of View: 12.42° CAMIR-UC/F100 @ f/1.0: Fixed focal lens – F = 100 mm Horizontal Field Of View: 6.23° CAMIR-UC/Z4-105 @ f/1.6 : 4x optical zoom – F = 26 to 105 mm Horizontal Field Of View from 23.6° to 5.9°
PHYSICAL CHARACTERISTICS	
Sealing	IP67
Maritime environment	Specific surface treatment (C5M)
Overall Dimensions	(L) 350 x (D) 290 x (H) 300 mm
Weight	12 kg +/-1
Operating Temperature	-20°C/+49°C extended temperature option -32°C to +55°C
Power supply	12 VDC
Max consumption	36 W
Control interface	PELCO-D Protocol ONVIF : S Profile Protocol

CAMIR Product Range: Theoretical DRI according STANAG 4347 / TRM4 software / 50% probability to achieve target / $\Delta T = 2 / \sigma 0.18/km^{-1}$
 Detection: 1 line pair for NATO target / 0.75 line pair for Human being - Recognition: 3 line pairs - Identification: 6 line pairs

DRI CAMIR-UC Product Range- NATO Target 2.3m x 2.3m - Range given in meters



DRI CAMIR-UC - Human Being Target 1.8m x 0.5m - Range given in meters



Options: Control by TCP-IP or serial link, extended temperature range / RADAR coupling / Combination with short distance optical or acoustic effectors (ARCLIGHT-SYNCHROBEAM, LRAD...).

Specifications subject to change without prior notice. 03.2021

www.exavision.com

8, Avenue Ernest Boffa • ZAC Trajectoire • 30540 Milhaud • France

Tél. : +33 (0)4 66 74 66 00 • Email : info@exavision.com

SAS au capital de 610 000 € • RCS Nîmes 90 B 515 • Siret 378 185 334 000 42

