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NORBIT

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PTZ-IR-DV

NORBIT SeaView 430

Multi-purpose situation awareness
for maritime operations

The NORBIT SeaView series is a family of flexible and reliable multi-sensor systems, giving the industry access to an unmatched situations awareness sensor, available in different range, performance and price classes. The SeaView is designed for shore-based installations.

The Seaview can be outfitted with a large number of short, medium or long range sensors, like cooled and uncooled thermal imaging, polarimetric cameras, daylight and low light cameras.

TECHNICAL SPECIFICATIONS

NORBIT SeaView 430

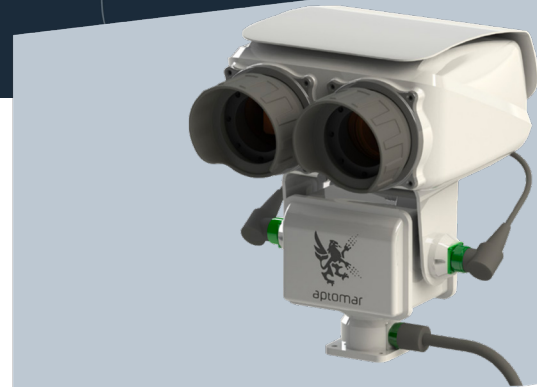
PAYLOADS

Thermal camera sensor	
Detector	Cooled MCT
Spectral range	Band 2 - 3.7µm to 4.8µm
Optics	WIDE FOV: 25° (H) X 20°(V) NARROW FOV: 1.30°(H) X 1.05°(V)
DRI	man (12.2km / 5.1km / 2.6km) vessel (19.2km / 10.4km / 5.7km)

Daylight color camera sensor	
Detector	1/2.8-type Exmor R CMOS
Resolution	Full HD 1080p 60Hz
Zoom (opt./dig./tot.)	30X / 12X / 360X
Horizontal viewing angle	31.85° to 115°
DRI	MAN (13.4KM / 7.5KM / 4KM) VESSEL (23.2KM / 14.4KM / 8.6KM)

PTZ PERFORMANCE

Azimuth speed range	from 0.03°/s to 65°/s
Azimuth movement	n x 360° (continuous)
Elevation speed range	from 0.03°/s to 30°/s
Elevation movement	± 45°
Positioning precision	1 mrad



INTERFACES

Ethernet / LAN	RJ 45
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WEIGHTS AND DIMENSIONS

Weight	27 kg
Dimensions (w,h,l)	350 x 295 x 684 mm

POWER

Supply voltage	24 V DC (Nominal)
Power consumption (Avg.)	80W
Power consumption (Max.)	300W

ENVIRONMENTAL SPECIFICATIONS

Operating temp. range	-40 °C to +55 °C
Storage temp. range	-45 °C to +60 °
Ingress protection	IP 66

STANDARDS AND REGULATIONS

Product (PTZ)	MIL-STD 810 CE
Environmental	IEC 60945/EN 60945