

KCC 200 N



KONGSBERG



Uncompromising maritime imagery

The navigator's eyes are always on watch. To replace or assist them, a camera platform with uncompromising precision and reliability is essential. The KONGSBERG Camera Cluster 200 N (KCC 200 N) delivers just that, housed in a compact and durable casing.

The N version employs 4 highly sensitive Long-Wave Infrared (LWIR) sensors to generate a 195° panorama. The LWIR technology, combined with unique contrast-enhancing algorithms, provides valuable extended information in challenging conditions, particularly in darkness and heavy sun-glare.

Each camera is meticulously calibrated to correct lens distortions, enabling high-quality stitching and accurate pixel data.

Technical specifications

Performance

Image frame rate	Up to 4 FPS
Image protocol	JPEG over RTP or TCP
Video frame rate	30 FPS
Video protocol	RTP/RTSP
Video compression	H.264/H.265
Resolution	4x 640x480 px (3.1 Mpx)
Field of view	195° ±3° (h) x 40° ±3° (v)

Input/output

Gigabit Ethernet

Weight and dimensions

Sensor Unit	
Dimensions	301 × 351 × 176 mm
Weight	9 kg
Mounting bracket, standard	0.5 kg

Junction Box

Dimensions	240 × 110 × 100 mm
Weight	3.2 kg

Power specifications

Sensor Unit	
Supply voltage	12 - 30 VDC
Power consumption, mean	20 W
Power consumption, max	75 W

Junction Box

Supply voltage	230 VAC
Power consumption, max	75 W

Environmental specifications

Sensor Unit

Operating temperature	-20 - +55 °C
Storage temperature	-30 - +80 °C
Enclosure protection	IP66

Junction Box

Operating temperature	-20 - +55 °C
Storage temperature	-20 - +70 °C
Enclosure protection	IP66

Standards and regulations

Electromagnetic compatibility, EMCD, immunity/emission	IEC 60945, IACS E10
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Product safety

Compliance to LVD	IEC 62368-1:2020
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Specifications subject to change without any further notice.