

KCC 100 4D



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 needed. The KONGSBERG Camera Cluster (KCC) delivers just this, in a compact and hard-wearing housing, with 215 degrees coverage. We utilize the latest in machine vision CMOS technology, together with powerful edge processing, to enable crystal clear imagery.

Technical specifications

Performance

Image frame rate	1 - 4 FPS
Image protocol	JPEG with TCP
Video frame rate	1 - 24 FPS
Video protocol	RTP/RTSP
Video compression	H.264/H.265

Input/output

Gigabit Ethernet

Weight and dimensions

Sensor Unit	
Dimensions	237 × 322 × 305 mm
Weight Sensor Unit	1.98 kg
Weight mounting bracket	6.98 kg
Junction box	
Dimensions	168 × 268 × 100 mm
Weight	3.2 kg (incl. 230 VAC power supply)

Power specifications

Sensor Unit	
Supply voltage	12 - 30 VDC
Mean power consumption	35 W

Junction box	
Voltage	230 VAC
Accumulated power consumption	<40 W

Environmental specifications

Sensor Unit	
Operating temperature	-20 - +55 °C
Storage temperature	-30 - +80 °C
Ingress protection	IP56

Junction box	
Operating temperature	-20 - +55 °C
Storage temperature	-20 - +70 °C
Ingress protection	IP66

Standards and regulations

Electromagnetic compatibility	
Compliance to EMC, immunity/emission	IEC 60945/IACS E10

Product safety	
Compliance to LVD, standard used	IEC 61010-1:2010+A1:2016

Specifications subject to change without any further notice.