



CAM300

MARINE VIDEO CAMERA

The CAM300 mini day/night IP camera is a wide field-of-view visible camera designed for Raymarine Axiom chartplotters. Equipped with an HD video sensor, the CAM300 transforms Axiom into a powerful onboard video observation system. Use the CAM300 to monitor blind spots, check in on the crew, or watch and record all fishing action from the helm. Combine the CAM300 with the Raymarine AR200 sensor and make smarter navigation decisions using ClearCruise augmented reality to overlay AIS targets, waypoints and chart objects on the Axiom video display.

CAM300 KEY FEATURES

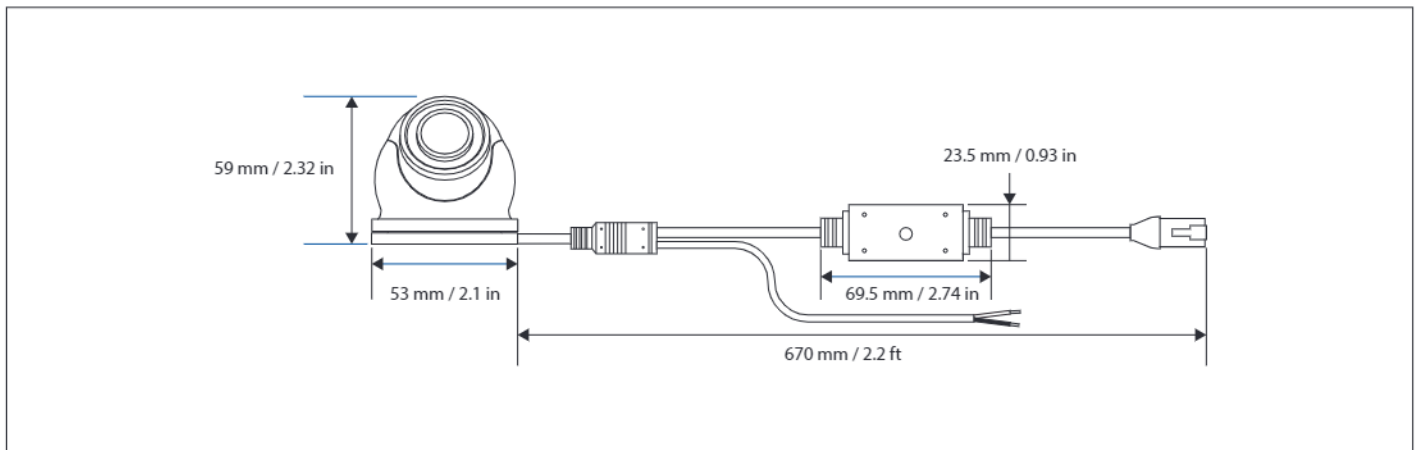
- View up to 4 CAM300 video streams simultaneously on single Axiom display
- 3MP CMOS sensor delivers up to 1080p resolution
- Ultra-compact size blends seamlessly with your vessel
- Built-in infrared emitters for excellent near-field low light visibility up to 33 ft (10 meters)
- Image flip and invert functions for ball-up/ball-down installation and reverse video system applications
- Easy to install with either direct 12-volt connection or single cable Power over Ethernet (POE)
- Rugged IP66 enclosure for below and above deck marine installations



Augmented Reality with CAM300 and AR200 sensor

CAM300 SPECIFICATIONS

POWER	
Nominal supply voltage	12 V DC
Operating voltage range	10.8 V DC to 15.6 V DC
Power consumption	1 W Nominal @ 12 V DC / 1.8 W Maximum (LEDs ON)
Power connection	DC power cable or POE (Power over Ethernet)
ENVIRONMENTAL SPECIFICATION	
Operating temperature	-30C to +60C (-22°F to 140 °F)
Waterproof rating	IP66
PHYSICAL SPECIFICATION	
Dimensions	Base diameter: 59.5 mm (2.34 in), Height: 52.9 mm (2.08 in)
Weight	0.420 kg (0.926 lbs)
VIDEO	
Video Processing	H.264 Codec / Dual Stream
Illumination	6 x 850nm Infrared - 10 meter range
Frame Rate	25 fps
Resolutions	2304 x 1296 (3MP) Max
ONVIF Conformance	Profile S
Sensor / DSP	1/4" CMOS Sensor
Field of View	1.8mm Standard (160° HFOV x 130° VFOV)
COMPATIBILITY	
Axiom display compatibility	Units running LightHouse 4.2 or later



For further information go to our website
www.raymarine.com

DECEMBER 2022