SAIS IP-Compact-Cam
Ethernet Camera

The SAIS IP-Compact CAM is a compact High Definition (HD), ONVIF compliant Ethernet Camera for live monitoring of underwater areas up to 1000ft (300m) deep (aluminum body) or 200ft (60m) (plastic body). It is powered via Power Over Ethernet (POE) using CAT-5e type cable of up to 333ft (100m) length. The camera can be configured to accept one alarm input and output.   Connect the camera to your network and you will have a live HD view and full control of the camera. From there endless possibilities abound; capture stills, log and record video data or even stream live to the world.

•	Robust design for use in the marine environment

•	Low cost, compact and light

•	HDTV 1080p at 30fps or 42fps (cropped - see table below)

•	Up to eight unique streams

•	Three Codecs (H264, MPEG-4, JPEG) and dual streaming capability

•	Built in motion detection.

The SAIS IP Compact Cam is designed for use in the marine environment. It features body and window materials that minimize the risk of corrosion.   With proper care, either version of the camera should provide many years of corrosion and maintenance-free use.

The camera is offered with a variety of connection options from permanent to wet-pluggable connector pairs and cable of 100m (333ft) length.

Speifications

PHYSICAL	
Body:	Aluminum and Plastic
Diameter (Body)	3.7 in (94 mm)
OAL (without connector)	4.9 in (125 mm)
Window	Acrylic
Weight in Air	1.5 lbs (0.74 kg)
Approx Weight in Water	1 lbs (0.45 kg)
Operating Depth	All Aluminum Housing: 1000 ft (300 m) All Stainless Steel Housing: 500 ft (150m) Plastic & Aluminum Housing: 200ft (60m)
Operating Temperature	-5°C to 50°C (23°F to 122°F)
IMAGE	
Max Resolution	1080p (1920 x 1080) at 30fps (JPEG only)
Horizontal viewing angle	96.8 deg (in air)
Codec Image Size	1920x1080, 1600x1200, 1680x1056, 1440x912, 1280x1024, 1280x960, 1376x768, 1280x800, 1280x720, 1024x768, 1024x576, 768x576, 720x576, 704x576, 800x480, 720x480, 640x480, 640x368, 384x288, 352x288, 320x240, 320x192, 176x144
Video Compression Format	H.264, MPEG-4, Motion JPEG
Codec Streaming Capability	8 non-identical streams
Maximum frame rate	30fps (1920×1080) 42fps (1280×1040) (cropped)
Image device	1/3 type progressive scan "Exmor" CMOS sensor
Minimum Illumination	Color : 0.1Lux; B/W (Night Mode) 0.02 Lux, IR Sensitive
ELECTRICAL	
Power Requirements	PoE (IEEE802.3af compliant)
Auxillary Input	Yes- with special connector (12 -48 VDC, 24V AC)
Alarm Input / Output	Yes - 1 input /1 output with special connector
Power Consuption	6.9W max
COMPLIANCE	ONVIF Profile S and PSIA Conformant

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