SAIS IP-Limpet-CAM 360™

The SAIS IP LIMPET CAM, 360 is a 5MP 360 degree Power over Ethernet (PoE) camera module fitted with a fisheye lens that allows you to capture a 180° by 180° view in crisp clear video like never before. Live de warped video provides an unprecedented tool for underwater observation and survey. Large areas can now be effectively covered with one camera instead of multiple ones. Monitor and inspect dams, fish pens, and internal pipeline walls economically and effectively with a single camera.

• On-board software de warps the image from the fish-eye lens in real time to provide the viewer with a choice of panoramic, double panoramic, regional and multi-regional views.
• In regional mode, pan and tilt the camera view point by clicking and dragging across the screen.
• Images and video can be stored to the on-board (edge) storage card for replay and export.
• Videos can be edited and exported with the included software. An embedded player allows you to send video clips to your clients in a format that they can open and view without any specialized software.
• High performance sensor with low light sensitivity, high resolution and frame rate, H.265 encoding for optimized live video.
• Robust housing designed for the marine environment.

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Speifications

PHYSICAL	
Body:	Anodized 6061-T6 Alloy
Diameter (Body)	9.0 in (229 mm)
OAL	9.8 in (250 mm)
Dome Material	Acrylic
Weight in Air	-7.5 lbs (-3.4 kg)
Approx Weight in Water	POSITIVE / BOUYANT by approx +0.6 lbs (+0.3 kg)
Operating Depth	200 ft (60 m)
Operating Temperature	-40°C to 65°C (-40°F to 149°F)
IMAGE	
Image device	1/1.8" progressive scan CMOS 3096 x 2094 sensor
Lens	1.47mm, F2.2
Minimum Illumination	0.18 Lux @ F2.2 (Color) 0.001 Lux @ F2.2 (B/W)
Maximum Resolution	1920x1920
Field of View	180 degrees by 180 degrees
Maximum Frame Rate	H.265 & H.264: 30 fps @ 1920x1920 MJPEG: 12 fps @ 1920x1920
Video Compression Format	H.265, H.264, MJPEG
Streaming Capability	4 simultaneous streams
Maximum frame rate	Up to 25/30 fps in all resolutions
Image Settings	Manual shutter time, Compression, Color , Brighteness, Sharpness, Contrast, White Balance, Exposure control, Exposure zones, Rotation, Backlight compensation, fine tuning of behaviour at low light, Text overlay
On board Storage	YES* By request - must be installed at factory.
Motion Detection	YES
ONVIF	Supported
More infor on Camera Module	Vivotek FE9181-H (www.vivotek.com)
ELECTRICAL	
Power Requirements	PoE, IEEE802.3at, class 0 Auxillary Power, 12 VDC* By request - must be installed at factory.

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