



SPHERE



DATA SHEET

SPHERE MOBILE CAMERA

The SPHERE underwater camera with its two mobile motion cameras PT. Its superior and inferior cameras allow a 180° vertical movement and horizontal movement of 360° each, providing also a wide flexibility in feeding control, fish display, mortality review in general and devices inside the cage.

SPHERE Cameras work together with ITG Winches allowing the camera to be positioned where the operator wishes to observe.

SPHERE mobile digital underwater Cameras are connected to ITG IO Control communication stations which allows connecting 2 cameras and 2 winches, transmitting video and data through optics fiber signals or wireless straight to the monitoring station, where we can see all of the simultaneously images and to control the camera and winches movements by using our Site Controller visualization software in an intuitive and easy way.

CHARACTERISTICS

SUPERIOR CAMERA	RESOLUTION	4MP - 1440 X 2560P
	FORMAT	IP - H265
	LIGHT SENSITIVITY (LUX)	0.01
	MOVEMENT (PAN/TILT)	360 / 180
	LENS ANGLE	120°
INFERIOR CAMERA	RESOLUTION	FULL HD - 1080 P - 2MP
	FORMAT	H265
	LIGHT SENSITIVITY (LUX)	0.001
	MOVEMENT (PAN/TILT)	360 / 180
	LENS ANGLE	120°
GENERAL	SENSOR	T ⁹ /DEPH
	POWER (VDC)	24
	TOTAL POWER (WATTS)	12
	POLYURETHANE CORD	OCEANLINE PU (50)
	CAMERA BODY	POM
	WEIGHT (KG)	7,5