RTS IRIS
4K Subsea Camera

Main features

- 4K resolution
- Small size
- Low weight
- Titanium housing
- 30x Zoom at 4K resolution
- Dedicated control software



The RTS IRIS is a cutting edge 4K HD subsea camera rated to 4000 meter water depth. It provides the user with exceptional quality video or images in up to 4K resolution. In addition to superior optics, IRIS is delivered in a robust titanium housing and can be utilized on a wide range of subsea vehicles and subsea applications due to its small size and low weight. It comes with a dedicated control software for easy integration.

Specifications

Product	RTS IRIS
Country of origin	Norway
Manufacturer	Rental Technology & Services AS

RTS – Rental Technology & Services **rts.as**

Åkrehamn, Norway tel: +47 52 81 47 60 sales@rts.as **Bridge of Don, Aberdeen, UK** tel: +44 (0) 1224 907530 sales.uk@rts.as

Optics

Sensor	4K Exmor R
Sensor elements	8,51 Mpixels
Sensitivity	1,6lux (0,06lux @ high sensitivity mode)
Lens	20x Optical Zoom
Super Resolution Zoom	30x Zoom at 4K resolution without compromise
Focal length	4.4mm – 88,4 mm F2.0 - 3.8
Opening angle max	60° @ wide

Electrical

Power consumption	6W
Voltage range	9-36V DC
4K Signal output	HD SDI (SMPTE ST-2081)
Optional HD	HD SDI (SMPET 292M / 274M)
Control Signal	RS232, 115 kbps RS485, 115 kbps (Optional)
Protocol	VISCA
Software	IRIS Studio

Mechanical

Housing	Titanium
Front port	High quality sapphire glass
Lens hood	POM
Depth rating	4000 MSW
Dimensions	Ø 91 x 210 mm
Mass	2,9 kg in air / 1,7 kg in water
Connector options	Scorpion-connector (for HD) Optional 4K connector on request