

# 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 6000 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

<b>Product</b>	RTS IRIS
<b>Country of origin</b>	Norway
<b>Manufacturer</b>	Rental Technology & Services AS

RTS – Rental Technology & Services

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## Optics

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

## Electrical

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

## Mechanical

<b>Housing</b>	Titanium
<b>Front port</b>	High quality sapphire glass
<b>Lens hood</b>	POM
<b>Depth rating</b>	6000 MSW
<b>Dimensions</b>	Ø 91 x 210 mm
<b>Mass</b>	2,9 kg in air / 1,7 kg in water
<b>Connector options</b>	Seacon MINL (for HD) Optional 4K connector on request