

# IRIS

# IRIS-735

Micro-Compact Flush Mounting 316L Stainless Wide Camera



## Key Features:

- Micro-compact form factor - 28mmø x 36mm
- 316L Stainless Steel
- 4-in-1 Video Format (CVBS, TVI, CVI, AHD)
- 2.9mm Wide Angle Lens
- Starlight Sensor for Ultra Low Light Operation
- Compatible with All Chart Plotters with Composite Input
- Compatible with CMAC-HVR systems
- Compatible with TV's via HDMI converter (TVI mode)
- IP67 Environmental Rating
- Low Power Consumption

## Applications:

- Perfect For Extreme Environments
- Road Traffic Surveillance
- Monitoring Dynamic Digital Signage
- Engine Room Monitoring
- Deck Monitoring
- Fishing Vessel Monitoring & Surveillance
- Emergency Vehicle Camera Applications
- Animal / Food Processing Applications

Introducing the worlds smallest through hull camera - the IRIS735 machined from corrosion resistant marine grade 316L stainless steel and measuring only 28mmø by 36mm long.

The 735 has been designed to sit flush into the hull, super structure or transom of your vessel to provide all round coverage without impacting on the lines of your vessel, with a bezel height of only 8.5mm.

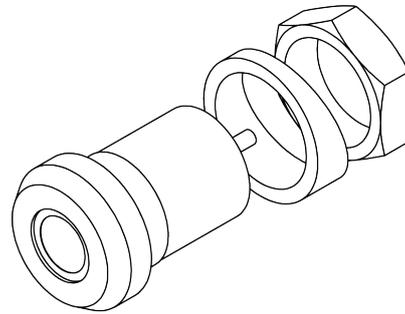
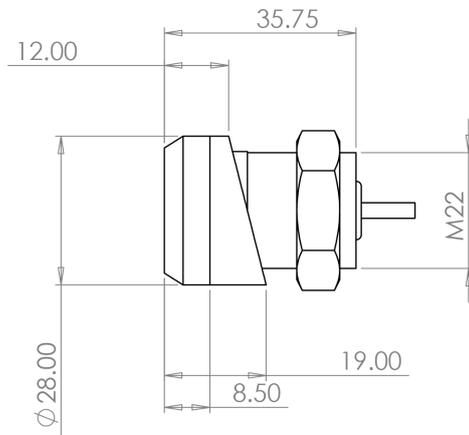
The camera module itself features a Sony Starlight sensor to provide excellent performance in low light, and can be user-set to output composite (CVBS) or analogue Hi-Def (TVI, CVI, AHD) video formats. When set to CVBS, the 735 is compatible with all chart plotter models that support composite video inputs. When set to TVI, the 735 will provide hi-definition real time video which can be viewed on an MFD via our CMAC systems or fed to a TV via our TVI~HDMI converters.

The camera has a 140° wide angle field of view which makes it great to position along the sides and transom of your vessel to provide all round coverage whilst docking, and is also a great solution for sports fishing applications.

If you are looking for a tiny, cost effective docking camera, sports fishing camera or for unobtrusive cameras to add to your on-board security set up, the IRIS735 is the perfect solution.



### IRIS735 Dimensions



### Specifications:

	IRIS735
Sensor	1/2.8" SONY STARVIS CMOS Sensor
Resolution	1920 x 1080P @ 30fps (NTSC) / 25fps (PAL) / 906H in CVBS mode
Minimum IlluminatiON	0.001 Lux (F-1.2)
Day & Night Operation	Auto / Colour / Monochrome / External
Video Output Modes	Analogue HD Modes: HD-TVI, HD-CVI, AHD / Analogue: Composite Video (CVBS) NTSC / PAL
Lens	2.9mm
Shutter Speed	Auto / Manual (1/50(60) - 1/50,000 sec)
Horizontal Field of View	140°
Defog	Off / Auto
White Balance	ATW / AWC / INDOOR / OUTDOOR / MANUAL / AWB
Back Light Compensation	OFF / BLC / HSBLCL
D-WDR	Off / 0~8
SENS-UP	Off / x2 ~ x30
DNR	Off / Low / Middle / High
Brightness	0 - 100
Motion Detection	Off / On
Image Mirror	Off / Mirror / V-Flip / Rotate
Sharpness	0 ~ 10 Steps
Material	316L Marine Grade, Corrosion Resistant Stainless Steel
Power	DC12V ±10% / 125mA (1.5W)
Weight	0.1Kg
Dimensions	28mmØ x 36mm
Environmental / EMC	EN60529 IP67 / EMC EN60945 (TBC)
Operating Temperature	-10°C ~ + 50°C / <90% Hummidity