

EX291 Subsea

HERNIS Ex Proof Fixed Sub Sea Camera Station



Overview

The EX291 subsea camera station is *certified for use in hazardous areas* and designed for operation in splash zones and on *depths down to 30 m (IP68 3 bar)*. It is *DNV Type Approved*, meaning it has been tested for operation in the most demanding locations withstanding physical environmental challenges like vibration, humidity, extreme temperature variations and corrosion.

Like all HERNIS CCTV equipment the EX291 subsea is *purpose built*. The subsea camera station is delivered complete with vulcanised multi-cable eliminating water intrusion and handling the transmission of both data, power and video.

Built-in electronics simplify the installation and minimise the need for maintenance. *Internal heating* eliminates any risk of icing or malfunction due to low temperatures, whereas the high quality stainless steel exterior is meticulously electro polished to ensure maximum resilience drawing carbon to the surface and reflecting direct sunlight to avoid heat absorption. Low power consumption combined with a reflective surface has resulted in the *lowest surface temperature classification possible*, i.e. T6. The EX291 subsea camera station is supplied with scratch resistant tempered glass.

The EX291 can be used in combination with EX291 LED (095230) for added visibility.

The fact that HERNIS is a *systems supplier* ensures that all our camera stations have a *long design life*. The EX291 subsea is designed for future remote software upgrade and diagnostics. The station may be used with any of HERNIS' control systems, and its high quality has been well proven in thousands of CCTV projects on oil & gas installations worldwide.

Its long life cycle and low maintenance contributes to *low environmental impact* so vital in today's oil & gas related projects.

*24 hour technical support line available for documented systems.

Features

- EX certified for Zone 1 (gas group IIC)
- IP68 3 bar (30m)
- DNV Type Approved
- Complete with vulcanised multi-cable
- Thermoelectric heating
- Scratch proof, tempered glass
- Automatic Day/Night function
- IR sensitive
- Auto focus with manual override
- Auto iris with manual override
- Mounting bracket included
- Sunshield (optional)
- Designed to accept future software upgrades remotely

Benefits

- Purpose-built and resilient
- Low environmental impact
- Installation friendly
- No maintenance
- Field Serviceable
- No exposed cabling
- Long design life