



Crane Camera

HERNIS Explosion Proof Crane Camera Station

Overview

HERNIS' EX Series are highly advanced process and surveillance camera stations that are *certified* to meet worldwide explosion proof environments.

The HERNIS Crane camera – the eye in the sky – has rapidly become the preferred solution for Crane Operators world wide. With this camera installed to overlook the topside of the load and the crane hook assembly, valuable information is relayed to the operator via his monitor. Offered a clear view of the load the traditional difficulties of manoeuvring the load efficiently and safely have been reduced significantly. Whereas building structures, objects, distances and light conditions used to represent big challenges for the crane operator, the HERNIS' Eye in the Sky makes even the most challenging tasks feasible.

The HERNIS Crane Camera is suspended from the crane structure via an integrated *oil damper*. The design keeps the camera in a stable vertical position even when the crane boom is tilted. The oil damper absorbs shocks and vibration protecting the camera and ensuring stable pictures.

The *Auto Object Tracking System* automatically zooms in on the predefined object, tracking the payload during hoisting or lowering, keeping the object a constant size on the screen. This provides an optimal "Eye in the Sky" in order to check for clearances, correct wire spooling etc. The interface unit uses an analogue feedback signal from the wire drum.

The Crane camera station is certified for use in hazardous areas and designed to withstand the harsh conditions found in offshore and marine environment. The housing is made of stainless steel and hardened glass. It contains a 1/4" CCD auto focus colour camera with an 18x optical zoom lens and a thermostatic heating element preventing condensation and ice.

Depending on the model, the HERNIS Crane TV system includes either a joystick or a push-button based control. All camera functions such as iris, zoom, focus and camera selections can be operated with the joystick. The joystick can be removed from the control box and installed into other panels if required.

A compact central unit links the system together as well as providing room for the electronics and the power supply for the camera station.

The fact that HERNIS is a complete systems supplier ensures that our camera stations have long design life and lifetime factory support*.

HERNIS products' long life cycle and low maintenance contributes to a minimal environmental impact so vital in today's global awareness.

*24 hour technical support line available for documented systems.

HERNIS Scan Systems
A VISLINK Marine & Energy Company



Features

- EX certified for Zone 1 (gas group IIC)
- Stainless steel and hardened glass
- Oil Damper
- Auto Object Tracking
- Auto focus camera with zoom lens
- Thermostatically controlled heater
- Central Unit Compact Size
- Operation Panel with Push-button control or Joy stick
- Flexible Camera Control - Automatic or manual
- Picture In Picture (PIP) Unit
- Multi Cable accommodated

Benefits

- Clear topside view of load
- Automatic zoom and object tracking
- Stable perspective and picture
- Easy controls, autom. or manual
- Designed and certified for extreme and hazardous conditions
- Maintenance free
- No condensation and ice building
- Easy Installation
- Picture In Picture (PIP) Unit
- Suitable for all crane cabins/monitors
- Add. cameras can be added for monitoring winch drum spooling etc.