

# EX285/EX285W

## HERNIS Explosion Proof PTZ Camera Station



### Overview

HERNIS' EX Series are highly advanced process and surveillance camera stations that are *certified* to meet worldwide explosion proof environments. Equipped with state-of-the-art features the EX285 delivers world renowned reliability. The EX285 is perfect for custom camera and lens configurations like light sensitive cameras as low as 0.00001 LUX and optical magnification superseding typical compact cameras with 36X zoom. This makes the EX285 the natural choice for surveillance at long distances and other special applications.

Rated to IP 66 this camera station certifies protection from high-pressure water from any direction including green sea guaranteeing no harmful effects. The EX285 combines pan/tilt, camera and Junction Box in one compact component able to withstand the harshest of environments and electro mechanical breaks on the shaft secure maximum protection of the gear box, necessary under extreme operation conditions. A compact footprint and proficient system components allow for ease of installation and configuration.

A single cable is sufficient to transmit data, power *and* video, routed directly to the control cabinet, eliminating the need for additional junction box equipment.

The high quality electro polished 316L Stainless Steel enclosure ensures maximum resilience to environmental exposure and direct sunlight, avoiding heat absorption. Low power consumption combined with this reflective surface has resulted in the *lowest surface temperature classification possible*, i.e. T6. The smooth surface is practically *maintenance free*.

The EX285's pan/tilt, zoom, focus, iris, wiper functions are all automatic or manual, at any time to assure maximum accuracy and control. This camera station will quickly focus on a predefined object or area by utilizing the preset position feature. 100 positions are at your fingertips and will allow the operator to alternate between areas, processes or objects rapidly.

The fact that HERNIS is a complete systems supplier ensures that our camera stations have long design life and lifetime factory support\*. The EX285 is designed to accept future software upgrade and diagnostics, remotely. The camera station may be used with any of the HERNIS control systems. Its reliability has been proven in thousands of Oil and Gas CCTV installations, worldwide.

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.

### Features

- EX certified for Zone 1 (gas group IIC)
- Automatic Day/Night function
- IR sensitive
- Internal cabling
- Integrated Exe junction box
- Integrated Wiper (EX285W)
- Washer Pump & Tank (EX285W)
- Sunshield (EX285W standard)
- Tropical Sunshield (optional)
- Audio (optional)
- Auto focus with manual override
- Auto iris with manual override
- Multi-cable accommodated
- Thermoelectric heating
- Scratch proof, tempered glass
- Designed to accept future software upgrades remotely

### Benefits

- Purpose-built and resilient
- Reduced environmental foot print
- Easy Installation
- No maintenance
- Field Serviceable
- No exposed cabling
- Accurate positioning
- Long design life