



S36W T PTZ Dual

HERNIS Weather Proof PTZ Camera Station, Thermal

Overview

HERNIS' weather proof series are highly advanced process and surveillance camera stations. This 9herz thermal model S36W T PTZ Dual adds night vision to its application.

Thermal imaging systems enable us to differentiate objects based on the variation of heat they generate. Regardless of the visible light thermal imaging can thus be used for detection and will recognise objects in total darkness. Even in daylight thermal imaging detects objects at longer distances than the human eye.

The S36 camera station can be fitted with a large spectre of high resolution thermal cameras with lenses up to 100mm and a colour CCD camera. This flexibility allows for optimisation of the imager to suit a wide area of use, such as;

- Oil spill on water
- Leakage detection, oil, gas, water, etc
- Navigation during Night-time and in foggy conditions
- Man over board (MOB)
- Ice detection
- Flare detection
- Perimeter surveillance
- Piracy detection

Combined with the *HERNIS Detection System* the S36 can contribute to automatic detection of potential hazards.

The S36 combines pan/tilt, camera and junction box in one compact component requiring no maintenance. A compact footprint and proficient system components allow for ease of installation and configuration. A single cable is sufficient for the transmission of data, power and video, routed directly to the control cabinet. The high quality *316L Stainless Steel* electro polished enclosure ensures maximum resilience to environmental exposure and direct sunlight, avoiding heat absorption and the smooth surface is also practically maintenance free. Rated to *IP 66* this camera station certifies protection from high-pressure water from any direction including green sea guaranteeing no harmful effects.

The fact that HERNIS is a complete systems supplier ensures that our camera stations have long design life and lifetime factory support*. The S36 is designed to accept future software upgrade and diagnostics, remotely. The camera station may be used with any of the HERNIS control systems. 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

- 9 herz
- Resolutions 320x240 / 640x480 pixels
- Pitch <35 µm
- Sensitivity ≤70° mK NETD
- Lens options 18 to 100 mm
- Automatic Day/Night function (CCD cam)
- IR sensitive
- Thermoelectric heating
- Internal cabling
- 100 preset positions
- Multicable accommodated
- Integrated Wiper (S36W standard)
- Washer Pump & Tank (S36W standard)
- Hard coated, scratch resistant germanium window
- Sunshield (S36W standard)
- Tropical Sunshield (optional)
- Auto focus with manual override (CCD cam)
- Auto iris with manual override (CCD cam)
- Designed to accept future software upgrades remotely

Benefits

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