SP26 day/night analogue series

PTZ camera station

Overview

The Oxalis SP26 is a PTZ camera station, for use in designated safe areas in onshore, offshore, marine and heavy industrial environments.

The camera stations are designed for longevity in harsh environments with minimal maintenance.

Features

• Electro-polished 316L stainless steel on all welded assemblies
• Camera station window in toughened glass
• Pole or wall mounting options (see separate datasheets)
• Supply voltage options (24 VAC, 110 or 230 VAC, 50/60Hz)
• Operating temperature from -60˚C to +70˚C*
• IP66/67

*Model dependent
### Specifications

<table>
<thead>
<tr>
<th>Features</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sun shield</td>
<td>Standard stainless steel 316L mirror finish</td>
</tr>
<tr>
<td>Integral wiper</td>
<td>Optional (silicone wiper blades that are resistant and do not perish after long exposure to ozone, UV, ice, snow, heat or cold)</td>
</tr>
<tr>
<td>Integral demister</td>
<td>Standard</td>
</tr>
<tr>
<td>Washer systems</td>
<td>Compatible with Oxalis SW washer tanks (see separate datasheets)</td>
</tr>
<tr>
<td>Pan speed (maximum)</td>
<td>45° per second</td>
</tr>
<tr>
<td>Tilt speed (maximum)</td>
<td>24° per second</td>
</tr>
<tr>
<td>Pre-set positional accuracy</td>
<td>64 Presets: positional accuracy ±0.1°</td>
</tr>
<tr>
<td>Telemetry receiver</td>
<td>Integral - Pelco D, P standard protocols (others to specification)</td>
</tr>
<tr>
<td>Rotation</td>
<td>Continuous Pan or 350° Rotation (±175° from straight ahead)</td>
</tr>
<tr>
<td>Analogue direct fibre out</td>
<td>Optional singlemode 9/125μm or multimode 50/125μm video and data fibre optic transmission, mounted inside the camera station</td>
</tr>
<tr>
<td>Ingress protection rating</td>
<td>IP66/67</td>
</tr>
<tr>
<td>Type approval</td>
<td>DNVGL-CG-0339, 2016 (copper transmission only)</td>
</tr>
<tr>
<td>Electrical</td>
<td>Supply voltage options: 24 VAC, 110 or 230 VAC, 50/60Hz</td>
</tr>
<tr>
<td>Power consumption</td>
<td>85W Maximum (43W with low temperature operation)</td>
</tr>
<tr>
<td>Electrical connections</td>
<td>Terminal block for power, data and video specific to camera configuration</td>
</tr>
<tr>
<td>Cable entry</td>
<td>Two M20 entries located in base</td>
</tr>
<tr>
<td>Mechancial</td>
<td>Body material: Electro-polished 316L stainless steel on all welded assemblies</td>
</tr>
<tr>
<td></td>
<td>Fixings material: A4 stainless steel</td>
</tr>
<tr>
<td></td>
<td>Camera station window: Toughened glass</td>
</tr>
<tr>
<td></td>
<td>Operating temperature: From -60° C to +70° C (model dependent)</td>
</tr>
<tr>
<td></td>
<td>Weight (Kg): Up to 32 Kg depending on configuration</td>
</tr>
<tr>
<td></td>
<td>Camera options: 1/4&quot; CCD 36x zoom camera</td>
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<tr>
<td></td>
<td>Image sensor: 1/4&quot; EXview HAD CCD (progressive scan)</td>
</tr>
<tr>
<td></td>
<td>Resolution: High resolution mode: 550 TV lines (default)</td>
</tr>
<tr>
<td></td>
<td>Lens: 36x zoom 3.4-122.4 mm F1.6 to F4.5, horizontal angle of view 57.8° - 1.7°, 12X digital zoom, auto focus, auto iris</td>
</tr>
<tr>
<td></td>
<td>Min. Illumination: 1/60 s, 1/50 s mode: 1.4 Lux, 1/4 s, 1/3 s mode: 0.1 Lux, 1/4 s, 1/3 s mode &amp; ICR On: 0.01 Lux</td>
</tr>
<tr>
<td></td>
<td>S/N ratio: &gt;50dB</td>
</tr>
<tr>
<td></td>
<td>Features: ATW, day &amp; night auto/colour / BW (IR-Cut filter removable), camera title ON/OFF</td>
</tr>
</tbody>
</table>

### General arrangement drawing (all dimensions in mm)
Ordering requirements

The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box.

- **SP26**
- **Housing type**
  - Visual camera housing: V
  - Code
  - Wiper options
    - Integral wiper with switched 24VAC for external washer pump: E
    - No wiper: N
  - Code
  - Video type
    - Analogue video: A
  - Code
  - Day/night module
    - 1/4" CCD 36x zoom camera: 4
    - Customer specific camera: C
  - Code
  - Thermal core module
    - No thermal core: N
  - Code
  - Thermal core lens
    - No thermal imaging lens: N
  - Code
  - Video system
    - PAL: P
    - NTSC: N
  - Code
  - Supply voltage
    - 24 VAC ±10% 50/60 Hz: 1
    - 110 VAC ±10% 50/60 Hz: 2
    - 230 VAC ±10% 50/60 Hz: 3
    - Special - price on application: S
  - Code
  - Transmission type
    - Standard electrical: 0
    - Simplex singlemode: 1
    - 9/125μm video/data: 2
    - Simplex multimode: 2
    - 50/125μm video/data: 2
    - Customer specific transmission device: C
  - Code
  - Temperature type
    - -20°C to +70°C*: A
    - -40°C to +70°C*: B
    - -20°C to +60°C: 1
    - -40°C to +60°C: 2
    - -60°C to +40°C: 3
  - Code
  - Protocol requirements
    - Pelco D protocol, baud rate 2400bps: D
    - Pelco P protocol, baud rate 4800bps: P
    - Vicon protocol, baud rate 4800bps: V
    - HERNIS protocol: H
    - Coe protocol: C
    - Special - price on application: S
    - No control protocol required: N
  - Code
  - Camera rotation
    - Continuous rotation: 1
    - Pan rotation restricted to +/- 175°: 2
  - Code

* Subject to configuration restrictions.