# SA-PTZ D-IR

**Safe Area PTZ camera with integrated IR, 316L**

## DESCRIPTION

The SA-PTZ D-IR camera housing is a rugged corrosion proof dual head camera station designed for use in onshore, offshore, marine and heavy industrial environments. The combination of infrared illumination and a low light camera facilitates 24/7 remote camera surveillance and analytics. The dual-head camera housing is not sold separately, it is only available in combination with a Siqura BC822v2H3-AS, and an interface (INT-RJ, INT-SM or INT-MM)

## FEATURES

Corrosion protected 316L stainless-steel

360° Continuous pan and +/-90° tilt

Integrated 850 nm IR-LED illuminatior

34° beam pattern

IP66 / IP67

Integrated power supply (24, 115 or 230 Vac)

Integrated heater and wiper

Electro-polished 316L sun-shields

Low maintenance

# Description

Day-Night camera
One of the heads of the dual head camera is fitted with Siqura's 33x zoom ip camera, the bc822v2H3-AS. This part is standard equipped with a wiper and prepared for a washer installation. A 10 litre pressurized washer tank can be obtained separately.

IR-Illumination
The other tube of the dual-head is fitted with a 14-LED infrared illuminator. This powerful IR-LED array gives a circular beam pattern of 34 degrees, enough to observe a person at long distances.

Corrosion free 316L construction
The dual head PTZ camera is made of corrosion proof 316L stainless steel suited to operate in salty or sulfur rich environments.

Integrated  heater
The camera is fitted with a thermal controlled heater. It regulates the humidity inside the camera and prevents ice or condensation forming on the optical window.
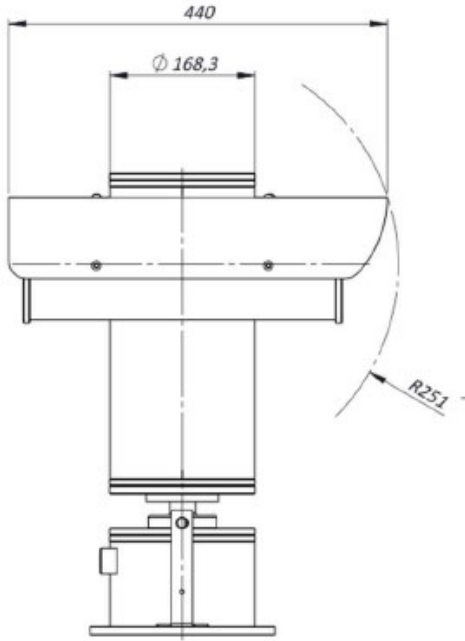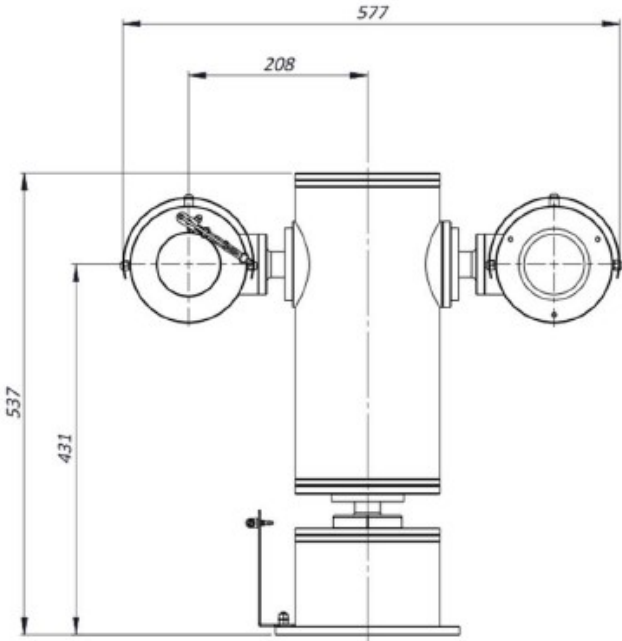
## Mechanical

| | |
|---|---|
| Ingress protection rating | IP66 / IP67 |
| Body material | Electro-polished 316L stainless steel |
| Window | High-Grade Tempered Optical Glass |
| Sunshield | 2x, Standard |
| Rotation | 360° Continuous rotation |
| Tilt angle | +90° to -90° |
| Variable speed | up to 36°/sec pan and 18°/sec tilt (peak) |
| Backlash | 0.1° |
| Preset accuracy | 0.04° |
| Operating temperature (Tamb) | -20 °C to +60 °C (-4 °F to +140 °F) |
| Relative humidity | 5%  to 100% |
| Cable entry | 1x M25x1.5 |
| Weight | 43.5 kg |

## Electrical

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|---|---|---|---|
| IR illuminator | 14x SMD Led illuminator | | |
| Wavelength | 850nm | | |
| Beam-pattern | 34° circular | | |
| Power rating | EX-PTZ24D-IR | EX-PTZ115D-IR | EX-PTZ230D-IR |
| | 24 Vac +/-10% | 115 Vac  +/-10% | 230 Vac  +/-10% |
| | 50/60Hz | 50/60Hz | 50/60Hz |
| Max power consumption | 120W | 120W | 120W |
| Internal Heater | Standard | | |
| -  Heater control | On:12°C +/- 4°C; Off: 20°C +/- 3°C | | |
| Integrated wiper | Standard on the optical window | | |

## Ordering information

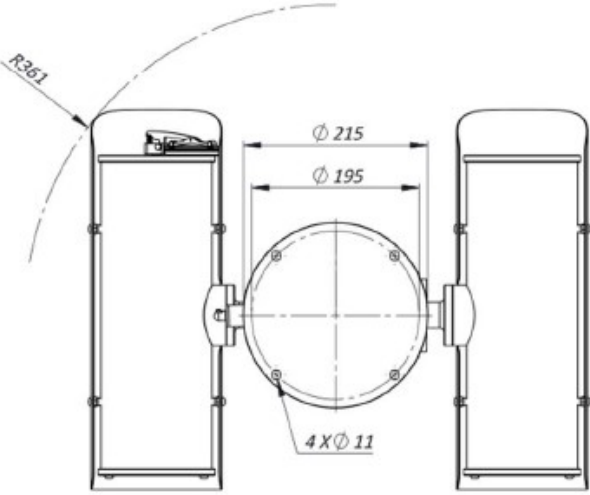| | |
|---|---|
| SA-PTZ24D-IR | Safe Area PTZ camera with integrated IR,  316L 24VAC |
| SA-PTZ115D-IR | Safe Area PTZ camera with integrated IR,  316L 115VAC |
| SA-PTZ230D-IR | Safe Area PTZ camera with integrated IR,  316L 230VAC |

## Maintenance kits

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|---|---|
| SA-MK PTZ | Maintenance kit SA PTZ camera: O-Ring, screws, desiccant bags |
| EX/SA-Wiper | Replacement for Stainless steel wiper  (complete assembly) |

## DIMENSIONS IN MM



**MOUNTING PATTERN**

**Siqura SA mounting accessories**
316L Mounting accessories for the SA-FIX and SA-PTZ series

**Siqura INT-RJ / INT-SM / INT-MM**
Network Interface and cable tail of the Siqura SA or EX cameras

**Siqura BC822v2H3-AS**
Assembly 33x zoom IP camera, 3MP, AF, Day/night, H.265/H.264

**Siqura SA-WP10**
10 liters washer tank, pump 10 m, float sw, 316L frame