# V-ARMOR SERIES
# SVEX-610-2M20X-ZN

Explosion Proof Integrated Camera

**VEILUX**®
*The Art of Surveillance*



## Description

SVEX-610-2M20X-ZN is a Veilux designed classic explosion-proof integrated camera, which is integrated by explosion proof camera (housing), pan tilt decoder and wiper, it makes install and debug on site convenient. The explosion proof camera can apply for Zone 1 and Zone 2 hazardous areas that explosive mixture of group IIA, IIB, IIC, T1~T6 gases, vapors and air may exist, Zone 21 and Zone 22 hazardous areas that explosive dust may exist. It's applicable for refining and chemical industry, oil extraction, gas production, fireworks production, grain production and storage, petrol station etc.

## Description

- ATEX, IECEx Approved;
- Applicable for Gas Zone 1, Zone 2,
- (Class II A, IIB, IIC, T1-T6 group)
- Dust Zone 21, 22.
- Certified for the latest standards IEC/EN60079 (2014)
- Stainless steel 304 or 316L enclosure
- Surface optional electro-polished or painting
- Weather Proof IP68(1.2m/45min)
- Wide voltage input: AC100-240V or AC24V
- Strong tempered glass, fit for hydrofluoric acid area
- Intelligent window defroster design
- Auto temperature adjust kit for aggressive area
- High precision wiper , support user-defined
- Auto temperature adjust kit for aggressive area
- Symmetrical balancing design
- Intelligent long focal speed limit, fit for long distance monitoring

## Specifications

| CERTIFICATE | |
|---|---|
| **Certificate Mark** | 2G Ex db IIC T6 Gb, 2D Ex tb IIC T80°C Db |
| **Certificate No** | Presafe 17 ATEX 11328X, IECEx PRE 18.0030X |
| **Standards** | IEC/EN60079, ONVIF, CGI, GB/T28181, PISA |
| **MECHANICAL** | |
| **Housing** | Stainless steel 304/316L |
| **IP** | IP68 |
| **Cable thread hole** | 1pcs M25×1.5 |
| **Sun-shield** | yes |
| **ELECTRICAL** | |
| **Voltage** | 100~240V AC or 24V AC / AC80~265V |
| **Power** | 50W/70W |
| **Surge Protect** | Optional |
| **Optical Fiber Output** | Optional |
| **AMBIENT** | |
| **Ambient Temperature** | -40°C~+60°C |
| **Air Pressure** | 80kPa~120kPa |
| **Relative Humidity** | ≤95%RH(+25°C) |
| **PAN & TILT** | |
| **Horizontal** | Continuous 360° |
| **Horizontal Speed** | 0.1~45°/s |
| **Vertical** | -90°~90° |
| **Cruise Scan** | Support |
| **Keep Watch** | Support |
| **Preset** | 64/128/255/300 |
| **Resume Function** | Support |
| **Auto Cruise** | Support |
| **Auto Scan** | Support |
| **ALARM** | |
| **Alarm Input** | 2-channel/ 7-channel |
| **Alarm Output** | 1-channel, action with alarm |
| **Intelligent Alarm** | Audio detective, move detective, video shield, network inte |
| **CAMERA** | |
| **Image Sensor** | 1/2.8" Progressive Scan CMOS |
| **Lens** | 20X ,4.7-94mm |
| **Aperture Range** | F1.6-F3.5 |
| **Angle of View** | 61.4-29 degree (wide -tele) |
| **Min Illumination** | Color: 0.04Lux @ (F1.6, AGC ON) B/W: 0.004Lux @ (F1.6, AGC ON) |
| **Day & Night** | ICR |
| **S/N Ratio** | >50dB (AGC off) |
| **Gain** | Auto/Manual |
| **CAMERA (CONTINUED)** | |
| **Digital Zoom** | 12X |

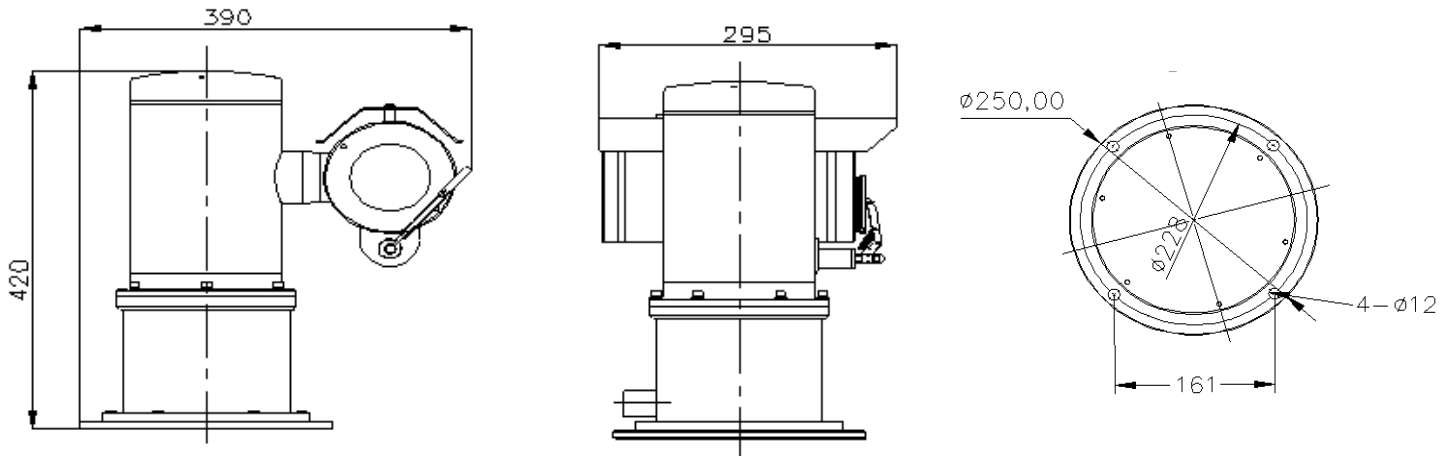| White Balance | Auto 1/Auto 2/Indoor/Outdoor/Manual/Sodium Lamp/ Fluorescent Lamp |
|---|---|
| WDR | ON/OFF, 15 levels adjustable |
| DNR | 3D DNR |
| BLC | ON/OFF |
| Image setting | Zoom camera module function can be adjustable by client software or web browser |
| GENERAL | |
| Cable | Integrated cable |
| Dimensions | 295 x 390 x 420 (mm) |
| Weight | 30Kg |
| Mounted | wall, pole |

### Essential Accessories



M1-Mounting bracket (long) with half pan/tilt

### Optional Accessories



SVEX-JXD assist equipments of explosion proof television and communication system.

## Dimensions



390

420

295

Ø250,00

Ø228

4 − ø12

161

**Units in mm**