



V-ARMOR SERIES

SVEX-W125

Explosion Proof Camera

The **SVEX-W125** explosion proof camera is a new extreme condition surveillance camera that adopts the most advanced production techniques. It has a matured high-end management system that makes it a quality, performance, and appearance leader in explosion proof monitoring products. It can be used in flammable, explosive, and extreme environmental conditions.

Strictly according to European Directive EC/94/9 and EN50014, Standards of GB3836.1-2000 GB3836.1—2000 Electrical apparatus for explosive atmosphere: General requirements, GB3836.2-2000 Electrical apparatus for explosive atmosphere: Flameproof 'd' and GB12476.1-2000 Electrical apparatus for explosive dust.

The SVEX-W125 is integrated with a 32x optical zoom and 16x digital zoom Samsung camera model. The camera steel case has an integrated structure design to allow the cable to run from the camera housing through the steel body case and to the output tube at the bottom end.

This allows the camera to pan and tilt freely without any interruptions, which goes 350° horizontally and ±90° vertical.



Key Features

- Stainless Steel Material
- Stand Installation
- Pan / Tilt w/ Camera Housing
- All Kinds of Camera Optional
- Multiple Protocol for Multi-Control System
- 350° Pan Turning
- +90° ~ -90° Tilt Turning
- Preset Positioning
- IP67
- Indoor & Outdoor for All Weather Use
- Bracket or Base Installation



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Specifications

SVEX-W125

CERTIFICATE	
Ex-Marking	Exd II CT6 / EExd II CT6
Certificate Pending	Nemko 05ATEX1190
License No.	XK06-123-00251
ENVIRONMENTAL	
Sensor	1/4" Sony CCD
Scanning System	Progressive scanning
H/V scan frequency	15.625KHz / 50Hz
Effective pixels	Resolution: 795(H) x 596(V)
Built-in Lens	High performance 23X optic zoom Lens Auto focus / F1.6, f=3.6~82.8mm
Min. Focus	0.01m (Wide) / 1.0m (Tele)
View Angle	54° (Wide) / 2.5° (Tele)
Maximum sensitivity	0.1Lux (Day) / 0.02Lux (Night)
Resolution	480TV lines (Color) / 600TV lines (B/W)
SNR	>50dB
Video Output	Composite, 1.0Vp-p, 75Ω, BNC
ELECTRICAL	
Input Voltage	100VAC ~ 240VAC, 50/60Hz
Current	<1A
Power	85W
Communication	RS-485
Communication rate	Multi-, to be set
Protocol	Multi, to be set
Preset	64
Preset Accuracy	≤ 0.3°
Auto-heat (optional)	Work while it is -14°F (-10°C)
Wash (optional)	Manual or half-auto
Connection	2-core for power 3-core shielded for control Coaxial cable for video output

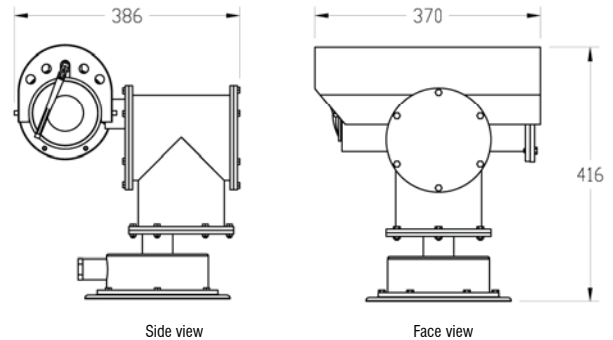
Specifications

SVEX-W125

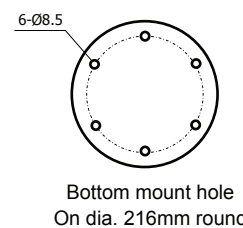
MECHANICAL	
Material	Stainless Steel 304 or 316L
Finish	Electro-polish
IP	IP67
Pan	360° continuous pan rotation
Tilt	+90° ~ -90°
Pan Speed	0.1°/S ~ 30°/S
Tilt Speed	0.1°/S ~ 25°/S
Weight/Shipping weight	72.7 lb (33Kg) / 79.3 lb (36Kg)
Water tank/ Tank weight	About 2.5L / 13.2 lb (6Kg)
Water freeze	-67°F ~ 14°F (-55°C ~ -10°C) optional
Mounting	Fixed bracket, base, pole

- SVEX-W125-W Explosion proof housing with wipers
- SVEX-W125-W27X Explosion proof with wipers and 27X Zoom module
- SVEX-W125-W36X Explosion proof with wipers and 36X Zoom module
- SVEX-W125-W43X Explosion proof with wipers and 43X Zoom module

Dimensions



Mounting Size



Bottom mount hole
On dia. 216mm round