

Veilux Technical Selection Guide

Explosion-Proof Cameras for Flammable Environments

Compare Specs, Certifications & Install Options

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Purpose

This guide is designed to help professionals select the appropriate explosion-proof camera for hazardous environments by comparing key features, certifications, and installation options of various Veilux models.

Camera Comparison Table

Model	Resolution	Optical Zoom	Certifications	Housing	IP Rating	IR Range	Mounting
SVEX-T100D-2M30X	2MP	30x	ATEX, IECEx	316L SS	IP68	200m	Wall, Pole, Ceiling, Corner
SVEX-610-2M30X-ZN	2MP	30x	ATEX, IECEx	316L SS	IP68	200m	Various
SVEX-T100-2M30X	2MP	30x	ATEX, IECEx	316L SS	IP68	200m	Wall, Pole, Ceiling, Corner
SVEX-B100-2MP-4MM	2MP	Fixed	ATEX, IECEx	316L SS	IP68	30m	Various

Certifications & Compliance

- ATEX & IECEx: Applicable for Gas Zone 1, Zone 2, Dust Zone 21, 22.
- Ex Markings: Ex db IIC T6 Gb, Ex tb IIIC T80C Db.
- Standards: IEC/EN60079 series.

Installation & Mounting Options

- Mounting: Wall, pole, ceiling, and corner mounts available.
- Cable Entry: M25×1.5 or M27×1.25 thread holes.
- Power Options: AC100-240V, AC24V, DC24V, PoE++.
- Accessories: Optional sun-shields, wipers, and defrosters.

Environmental Specifications

- Operating Temperature: -40C to +60C
- Humidity: <=95% (non-condensing)

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- Air Pressure: 80KPa to 110KPa

Download the Full Technical Guide

For a comprehensive comparison, visit www.veilux.net or contact Veilux technical support for assistance.