

VEH610C Series

Explosion Proof Integrated Camera Housing



VEH610C-A



VEH610C-B

DESCRIPTION OF PRODUCT

This product is of Ex d flameproof protection type, VEH610C-A consist of transmission chamber, light chamber, camera chamber and power chamber; VEH610C-B consist of transmission chamber, camera chamber and power chamber; All joints of enclosure are protected by O-rings and lip-shaped sealing ring, which satisfied Ex tb dust ignition protection requirements; ingress protection level: IP68 (1.2 m/45 min).

The light chamber in product VEH610C-A includes seven LED infrared light sources and meets the requirements of inherently safe optical radiation.

TYPE OF DESIGNATION

VEH610C-XX

X: Option of fill light, A: with fill light, B: without fill light.

X: Option of optical fibre, Blank: without optical fibre, F: with optical fibre.


FEATURES

- Stainless steel 304 or 316L
- Surface optional electro-polished or painting
- ATEX, IECEx Approved;
- Applicable for Gas Zone 1, Zone 2, (Class II A, IIB, IIC, T1-T6 group) Dust Zone 21, 22.
- Certified standards IEC/EN60079 (2014)
- Weatherproof IP68(1.2m/45min)
- Support Wide voltage: AC100-240V or AC24V
- Infrared lights, intelligent day/night vision (IR version)
- 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

EX-PROOF MARKING


Explosion proof marking(with IR):

CE²⁴⁶⁰  II 2G Ex db op is II C T6 Gb,


 II 2D Ex tb op is III C T80 °C Db


Explosion proof marking(without IR):

CE²⁴⁶⁰  II 2G Ex db II C T6 Gb,

 II 2D Ex tb III C T80 °C Db

Explosion proof marking(with IR and Fiber):

CE²⁴⁶⁰  II 2G Ex db op is or II C T6 Gb,

 II 2D Ex tb op is op pr III C T80 °C Db

Explosion proof marking(without IR, with Fiber):

CE²⁴⁶⁰  II 2G Ex db op pr II C T6 Gb,

 II 2D Ex tb op pr III C T80 °C Db

Standards: IEC/EN60079

ENVIRONMENT

Ambient temperature: -40°C~+60°C
Atmosphere pressure: 80kPa~120kPa
Relative humidity: $\leq 95\%$ RH (+25°C)

MECHANICAL

Material: Stainless steel 304/316L
Ingress protection: IP68
Cable glands: M25x1.5, or M27x1.25
Cable entry: 1pcs
Dimension: see fig
Pan: continuously 360°, Max 40°/s
Tilt: -90°~90°, Max: 30°/s

ACCESSORIES

Wall Bracket: VB610C

ELECTRICAL

Voltage: 100~240V AC or 24V AC,
Current: Max 3.0A
Power: ≤ 75 W
IR view D: 200m (with IR version)
Protocol: Pelco-D Pelco-P, per customer;
Rate: 2400~19200bps
Output: AV/RJ45
Long focal limit speed: Yes
Preset: 128/255
Preset precision: $\leq 0.1^\circ$
Cable: Integrate cable
Surge protect: Optional
Fiber: Optional

Dimension

