

YHW126 EX-PROOF INTEGRATED CAMERA

FEATURES

- Double certifications
- 304 or 316L Stainless steel material
- Stand installation
- Housing, pan/tilt, decoder integrated
- All kinds of camera optional
- Multiple protocol
- OSD Menu
- 360° continuous pan rotation
- +90°~ -90° tilt turning
- IP68
- Indoor and outdoor for all weather use
- Bracket or base installation
- Available for explosive gas and dust application



DESCRIPTION

YHW126 as new ex-proof monitoring equipment, with advanced technique and matured quality as its base, has been a successful product in market in the area of explosive and flammable for monitoring.

Integrated structure design, with no cable between pan/tilt and camera, turning at both pan/tilt and all direction.

Integrated with colour camera, all direction pan/tilt, and decoders inside, multiple communication protocol to response different commands.

100VAC~240VAC Supply voltage.

RELATED EQUIPMENTS

YH-Jxd Ex-proof Junction Box

KJ2028E/D Ex-proof Control Box

With alterable pan and tilt speed. Pan/tilt speed depends on lens focus and swivel range, with max 25°/s and min 0.1°/s, which captures active objects without difficulty even in the longest focus. 360° continuous pan rotation, -90°~+90° tilt angle.

128 presets, including horizontal and vertical position of pan/tilt as well as focus position of lens.

Function settings can be realized by built-in OSD.

With wiper and sunshield, auto-heat optional. With auto-heat to keep equipment working under -40°C to +60°C long-time stably.

Easy installation and maintenance, fixed brackets, base, pole or lattice tower for mounting.



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YHW126 EX-PROOF INTEGRATED CAMERA

CERTIFICATE

Ex-marking	Exd II CT6 / DIP A20 TA, T6
Certificate	CNEx09.2410
License	XK06-123-00251

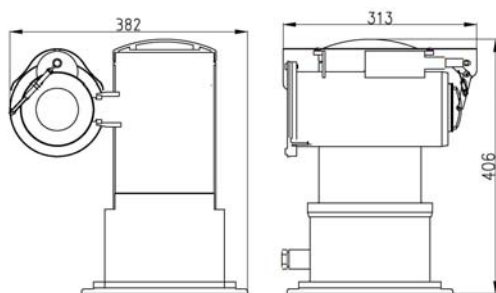
MECHANICAL

Material	Stainless steel 304 or 316L
IP	IP68
Pan	360° continuous pan rotation
Tilt	+90° ~ -90°
Pan speed	0.1°/S ~ 40°/S
Tilt speed	0.1°/S ~ 40°/S
Unit weight	28Kg
Ship weight	31Kg
Mounting	Fixed bracket、base、pole

ENVIRONMENTAL

Air pressure	86~106KPa
Temperature	-40℃~+60℃
Humidity	≤95%RH(+25℃)

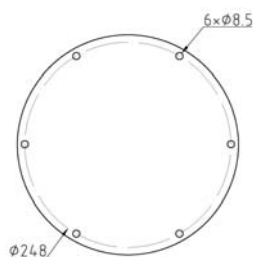
DIMENSION



Face view

Side view

MOUNTING SIZE



Bottom mount hole
On dia. 248mm round

unit: mm.

ELECTRICAL

Input voltage	100VAC~240VAC, 50/60Hz
Current	<1A
Power	About 100W
Communication	RS-485
Communication rate	Multi-, to be set
Protocol	Multi-, to be set
Preset	128
Preset accuracy	≤ 0.1°
Auto-heat (optional)	Work while it is -10℃
Connection	3-core for power 2-core non-shielded for control Coaxial cable for video output

CAMERA SPECIFICATION (Typical)

Brand	SONY
Model	FCB-EX480CP (PAL) / FCB-EX480C (NTSC)
Image sensor	1/4" Exview HAD CCD
H/V scan frequency	15.625KHz / 50Hz
Effective pixels	Resolution: 752(H) x 582(V)
Built-in Lens	High performance 18X optic zoom Lens Auto focus / F1.4~3.0, f=4.1~73.8mm
Min focus	0.29m (Wide) / 0.8m (Tele)
View angle	48° (Wide) / 2.8° (Tele)
Maximum sensitivity	0.7Lux (Color) / 0.01Lux (Black)
Horizontal resolution	480TV Lines
SNR	> 50dB
Video output	Composite, 1.0Vp-p, 75Ω, BNC