



### YHQ15 ExProof Intelligent Camera

#### 2.1 Main technical data

● Ex-proof marking	● EXd II CT6 No ethyne)	
● Specification	Inductor	1/4" CCD (Colored)
	Pixel	752Hx582V (440000pixels) PAL
	Synchrony	Built-in Synchrony
	Video output	(multiple)1.0Vp-p/75Ω
	White balance	Auto
	Supply power	AC220V±10% <100mA
	Power	<24W
	Weight	16Kg
	Mount type	Ceiling mount
● Camera	Scan	15.625KHZ (H) 50HZ (V)
	Definition	480TV
	SNR	>48dB
	Shutter	1/3-1/10000S
	Low Lux.	Decide on the camera type.
● Lens parameter	Focus scope	Decide on the camera type.
	Iris	Auto
	Focus	Auto/manual
● Basic function	Pan	(Low)6.50/S (Fast)14.50/S
	Tilt	(Low)7.50/S (Fast)22.50/S
	Preset	64(No lost while power off)
	Cruise	450、900、1800 (Could be chosen)
	Speed change	Its speed changes according to lens change. Picture zooms up, speed slows; picture zooms down, speed up.
	Reposition	It can be re-checked and re-located.

#### 2.2 Optical focus scope

Optical zoom	Focus scope	Low Lux.	Definition
★ 23X	f3.6~f82.8mm	0.2 Lux	480TV



### YHQ125 Ex-Proof Intelligent Camera

- YHW125-1/2 (EX) Flameproof integrated universal camera set (Abbr. as Camera Set below) is designed and manufactured according to GB3836.1 - 2000 Electrical apparatus for explosive gas atmospheres—Part 1: General Requirements and GB3836.2 - 2000 Electrical apparatus for explosive gas atmospheres— Part 2: Flameproof Enclosure "d", EN 50014:+A1:1999+A2:1999 Electrical apparatus for potentially explosive atmospheres - General requirements and EN 50018:2000-Electrical apparatus for potentially explosive atmospheres - Flameproof equipment enclosure "d" with Ex marking Ex d IIC T6/ EEx d IIC T6, suitable to use in explosive gas areas.
- This Camera Set is adopted with integrated structural design, in which no cable appeared outside between the tilt head and camera. The camera set can whirl omnibearingly in horizontal and pitching. Camera and lens can be selected as required. The shield of the camera is fitted with a rain-scraper. The camera set is provided with a self-heating device which will work under low temperature, in order to increase the performance under the low temperature, its Ex marking is Ex dIICT6 /EEx dIICT6 suitable to service in the explosive gas environment.

#### Key Parameters and Index

Item	Key parameters and Index
Ex marking	Ex dIICT6 /EEx dIICT6
Pitching angle	±45°/±90° (optionally)
Angle of horizontal revolution	270° / 350° (optionally)
Speed of pitching rotation	3.8°/S
Speed of horizontal rotation	3.8°/S
Wire cable into the shield of camera	14 cores + video line
Drive wire into the pan and tilt head	11 cores
Presetting bit Function	Provide the presetting bit signal 0~3.5V
Heating Function for protection of frost	Control temperature —10℃ , 20W

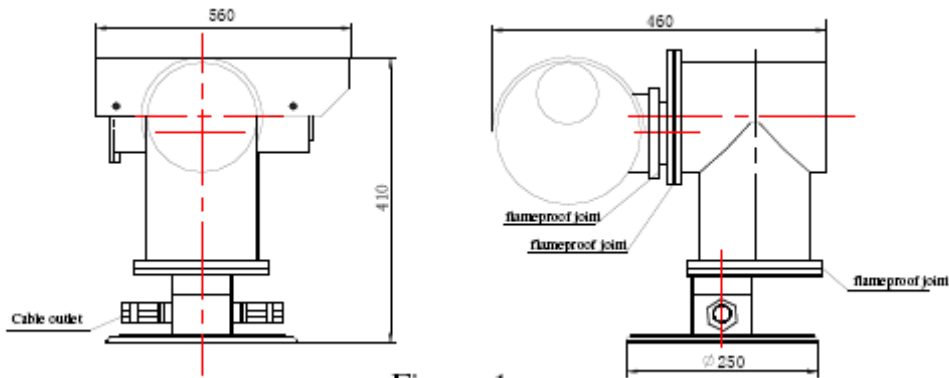


Figure 1

