

## Scorpion Camera



### Application Environments

Applicable for the factories having the explosive mixtures formed from class IIA,IIB and IIC T1-T6 group flammable gas, steam with air in area No.1 , No.2, and appearing the explosive hazardous area due to the mixture of flammable dust and air in area No.20,No.21 and No.22,such as oil field, chemical plant, port, oil storage, steamship, oil drilling platform, gas stations, coal mine, aviation, military, medicine, steel, firecrackers production, machinery, food processing and storage and so on.

### Features

- Small volume, light weight, flexible installation.
- Based on 5 mega pixel 1/2.8"CMOS sensor, 2 mega effective pixel, with faster operation speed digital processor, it can compress bigger size and more clear pictures.
- Photographic properties improved substantially, the Minimum illumination as low as colour [0.001Lux@F1.2](#).
- The fourth generation newest broad dynamic technology, dynamic range greater than 75dB, effects increase obviously
- 5m-15m visible infrared distance, high quality image showed even in badly lighting areas.
- Process the original signal through 3D digital noise reduction technology so as to make crisp, bright pictures at night.
- Automatic IR CUT conversion day and night, high quality pictures with clear vivid colors, sync infrared lights keep the pictures excellent at night.
- Aviation high strength polycarbonate explosion-proof half dome housing, flux rate higher than 93%.

- 304 stainless steel with original color surface treatment, corrosion-proof.

## Technical Parameter

Model	<b>TPHQ-EX-S1080P</b>	
<b>Mechanical Features</b>		
Material	304 Stainless Steel	
Surface Treatment	Original Stainless Steel Color Electropolishing Optional	
Ingress Protection	IP68	
Horizontal Manual Adjustable Range	360°	
Vertical Manual Adjustable Range	±45°	
Interface Spec	G-1/2"	
Method of Installation	Ceiling Type & Column Mounting & Wall Mounting	
<b>Electrical Features</b>		
Power Supply	DC12V	
Camera	Image Sensor	5 mega pixel 1/2.8" CMOS sensor
	Resolution	1080P
	Lens	4mm/6mm/8mm/12mm/16mm
	Signal-to-Noise Ratio	> 75db
<b>Environmental</b>		
Rated Temperature	(-30°C, +70°C)	
Atmospheric Pressure	80-106KPa	
Relative Humidity	≤95%RH(+25°C)	