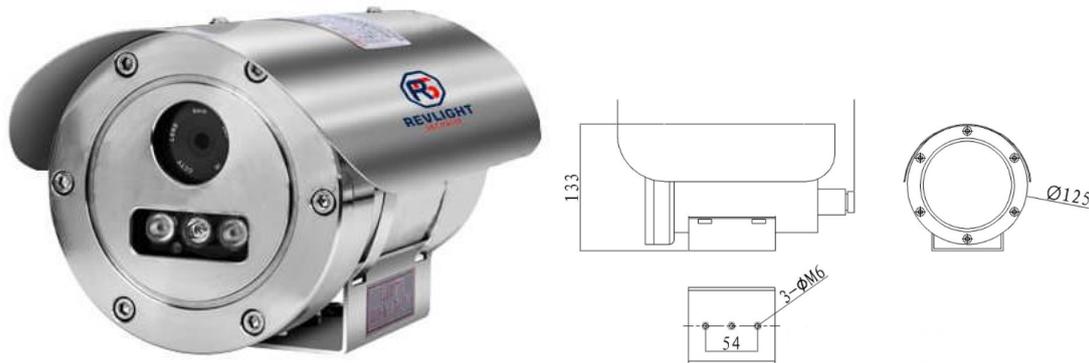


## MANTARAY CAMERA



### 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

- Separate lens from the infrared lamp unique design, completely eliminate infrared light halo and brightened dot, clear, bright and vivid image showed at night. 30m~60m night vision distance, made by corrosion-proof 304 stainless steel , 2 mega pixel, H.264/H.265 video code, support dual stream, AVI format, 4mm or 6mm and others can be choosed for lens.
- Matching advanced video compression algorithms operating system,make the transmission of the pictures more fluid and showed more clarity.
- Support remote visit image via Internet Explore, support dynamic IP address, it's convenient to realize the network transmission of the image.
- IR lamp turned on automatically when lack of visible light,IR CUT shifted day and night, high quality clear detailed vivid picture.
- Optics class toughened ultra-clear white explosion-proof glass,flux rate higher than 96%.
- Invisible nano wiper, non-stick water, non-stick oil, dust-proof.
- Made by high hardness special carbon steel with fluorocarbon baking or stainless steel material, can used in corrosive environment, explosion-proof, dust-proof, water-proof.

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- Support variable bit rate, while setting video image quality, the video image compress stream can also be limited, video rate 50Kbps-8Mbps continuously adjustable, frame rate 1-30(1-20) continuously adjustable.
- Support Snapshot, local video, alarm pre-recording, dynamic detection (area and sensitivity can be set), alarm signal input and output.
- Support IO interface connect other equipment, 10/100M Ethernet interface.
- RS485 interface, network transparent channel connection, client can though transparent channel control.
- Support multiple users visiting simultaneously.
- Host configuration suggestion: CPU Quad Core 3.0GHz, 4GB memory, 512M independent memory, 2.1 sound card, Audio output, Mic input, Windows2000/XP/2003/Vista/7,Microsoft IE 6.0/8.0.

## Technical Parameter

Model	<b>TPMC-EX-S1080P</b>	
<b>Mechanical Features</b>		
Material	304 Stainless Steel	
Surface Treatment	Original Stainless Steel Color	
Ingress Protection	IP68	
Weight	≤6kg	
Method of Installation	Wall Mounting	
<b>Electrical Features</b>		
Power Supply	DC12V	
Working Current	≤2000mA	
Camera	Image Sensor	5 Mega Pixel 1/2.8" CMOS Sensor
	Effective Pixel	1080P
	Lens	4mm/6mm/8mm/12mm
	Signal-to-Noise Ratio	> 52db
	Min. Illumination	0Lux(infra-red on)
Infrared	Distance	30m/60m
	Wavelength	850nm
	Switch	Auto(≤10Lux)
Electrical Connectivity	Composite Cable	
<b>Environmental</b>		
Rated Temperature	(-30°C , +70°C )	
Atmospheric Pressure	80-106KPa	
Realative Humidity	≤95%RH(+25°C)	

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