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:

●Highly integrated explosion-proof PTZ, explosion-proof decoder, smaller volume and lighter, more intelligent and advanced function.

●Auto IR CUT day/night switch, clear and color vivid HD images, synchronously configure IR lamp night image；

●**Side-loading design, wider rotation angle , large capacity**；

●Used polycarbonate composite aerospace materials, hard, anti-fog treatment, has good hardness and corrosion resistance.

●Worldwide quality fan inside and outside heat loss through convection, never fogging；

●Optical grade high strength and transparency explosion-proof glass，luminous flux up to 96%，completely eliminate infrared lamp halo；

●NM invisible windshield wiper, waterproof, oilproof and reject dust

●High hardness special carbon steel or stainless steel via fluorocarbon high temperature spray baking，explosionproof，dustproof，waterproof ,rust-proof;

●Optional semiconductor silicon-controlled component to achieve self-heating and heat dissipation function.

●Adopt SONY-CV7520A zoom module，effective pixels: 2.13MP

●30X zoom，12X electronic zoom，focal length 4.3MM~129MM,aperture from F1.6 to F 4.7, FOV : up to 63.7°。

●Super WDR function，up to 120DB，own anti shake DSP ,defog and starlight level night vision function，color state minimum illumination can up to 0.01LX, black state minimum illumination can up to 0.0008LX

●24 hour time show；

●RJ45 two levels lightning protection, surge；

●Support H.264 & H.265 video coding, support dual stream, support stream : 0.1M~8Mpbs adjustable，frame rate：25 FPS, support 1~25 FPS/Seconds adjustable；

● RJ45 interface

●Network transparent transmission channel，can use Sony VISAC protocol to control camera

●Free PC client software and windows Linux android iso platform S D K for second development

●Optics class toughened ultra-clear white explosion-proof glass, flux rate higher than 96%, eliminate infrared light halo completely.

●Invisible nano wiper，non-stick water, non-stick oil, dust-proof.

●Semiconductor thyristor temperature control module is selectable, it can achieve automatic heating and cooling function.

Technical Parameter

Technical Parameter

Model	TPT-Ex-S
Certificate	
Marking	Ex d IIC T6 Gb/EX tD A21 IP68 T80℃
Certificate No	CNEx16.0556
Mechanical Features	
Material	Stainless Steel
Surface Treatment	Original Stainless-Steel Color, Electropolishing Optional
Protection Level	IP68
Horizontal Rotation Range	360°
Vertical Rotation Range	90°
Horizontal Rotate Speed	1-240°/sec

Vertical Rotate Speed	1-100°/sec
Interface Specification	G-1/2"
Weight	≤28kg
Installation Way	Wall Mounting & Lifting
Electrical Features	
Input Voltage	AC220V
Camera	Sony Original Camera
Working Current	≤2000mA
Electrical Connectivity	Composite Cable (Network Port Connector Power Supply)
Auto Mode	Auto Cruise or any location two point patrol area
Preset	256 location(selectable)
Preset Accuracy	Auto correction error
Environmental	
Rated Temperature	（-30℃，+70℃）
Atmospheric Pressure	80-106KPa
Relative Humidity	≤95%RH(+25℃)