


304/316 Stainless Steel 1080P IR/White Light 30X/36X Zoom Explosion-proof IP Camera



Features

* 2.0M Pixel 1/2.8" Sony CMOS Sensor

* H.265 Main Profile / H.264 Main profile / M-JPEG

* Night vision distance 80-100m

* IP68 Waterproof

* Support Hikvision, CMOS, TSN, UC2, main NVR ONVIF

* Stainless steel with surface electropolish and passivation treatment, explosion-proof, dust-proof, water-proof, rust-proof

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

* Automatic display: control protocols, baud rate, address functions managing title information, PTZ


* 24 Hours time display, the real time temperature display, the real time humidity display

* Preset time can be set from 1-120 seconds, vertical scan rate 1-300 angel/second, 64 stages adjustable

* Video play back function, 254 preset, The preset position accuracy is 0.1 degrees, 4 route 16 preset, Limiting automatic scanning function.

Suitable for:

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.



Specification		
Model No.	WDM-EX200IPQ30X	WDM-EX200IPQ36X
Certificate of Conformity		
Marking	Ex d II C T6 Gb/EX tD A21 IP68 T80℃	
Housing Material		
explosion-proof housing	304 stainless steel	316 stainless steel
Surface Treatment	Original Stainless Steel Color, Electropolishing Optional	
Ingress Protection	IP68	
Interface Spec	G-1/2"	
Method of Installation	Wall Mounting & Lifting	
Video		
Sensor	2.0M Pixel 1/2.8" Sony CMOS Sensor	
Output resolution	1920(H)×1080(V)	
D/N Mode	Color, Color video anytime in low light conditions	
Illumination	0.1Lux(color), 0.01Lux(Black & White)	
WDR ranger	≥80dB	
S/N Ratio	≥50dB (AGC OFF)	
DNR	Support DNR, 3DNR	
Gain control	Auto/Manual	
Exposure mode	Program mode, shutter mode (custom shutter interval, grab license plate), manual	
Electronic shutter	1/2 - 1/20,000s, support for slow shutter	
Privacy protection	Support 3D privacy area ON/OFF (4 privacy areas can be set on the same screen)	
D/N Mode	Auto IRC filter color conversion, fixed black and white, fixed color, external control	
Lens		
Focus length	5-150mm/F1.6-4.2	4.6mm -167mm/F1.6~F4.8
Optical focus	30X	36X
Night Distance	80-100m(IR/White Light for optional)	
Pan Tilt		
Viewing angle	61.2 °(proximal) / 2.32 °(distal)	
Presets	254	
Auto Mode	Support for 4 Auto cruises, 4 Auto line sweeps	
3D positioning	Support click in center, box selection zoom in	
Compression standard		
Video processing	H.265 Main Profile / H.264 Main profile / M-JPEG	
	CBR/VBR, 32Kbps~10Mbps	
Audio processing	G711, PCM	
Max Resolution	1920x1080@30fps	
Video Resolutiont	Main streaming: 1920x1080、1280x960、1280×720、720×576、640×480; Sub streaming: 640×480、480X360、352×288、320×240、176×144; MJPEG: 1920x1080、1280x720, close	
Network Parameter		
Visits	Main stream 3 users, Sub stream 6 users	
Network interface	TCP/IP, HTTP, NTP, IGMP, DHCP, UDP, SMTP, RTP, RTSP, ARP, DDNS, DNS, P2P	
Access Protocol	Standard ONVIF Protocol, Support third party access; PC;	
	Support IE6.0 and aboveSmartphone	
	Support AndroidiPhone	
Compatibility	Support Hikvision, CMOS, TSN, UC2; Support main NVR ONVIF	
Interface		
Analog output	1.0Vpp/75Ω, NTSC/PAL, BNC	
Network interface	1*10/100BaseT Ethernet, RJ45	
Alarm In/Out	1/1	
Audio In/Out	1/1	
Normal		
Rated Temperature	(-30℃ - +70℃)	
Atmospheric Pressure	80-106KPa	
Relative Humidity	≤95%RH(+25℃)	
Power supply	DC12V/AC24V	