

IC-WSD12F

| WS Series

8MP (4K) Fix Focal Lens Warm light Human Detection Bullet IP Camera



- 1/2.8" 8MP CMOS sensor
- H.265+ dual-streamencoding
- High-quality fix lens: 3.6mm 8MP
- Support Warm light LED 4000K, Up to 60m
- Built-in PoE
- An embedded human detection algorithm
- White/Black-list alarm deployment
- Intelligent video analytics available
- Multiple web browsers supported
- IP66 metal casing



System Overview

WS Series 8MP IP cameras provide a cost-efficient solution that is powered by cutting-edge technology for crystal-clear video monitoring.

With an embedded human detection algorithm .

The WS Series also offers multiple industry-leading intelligent video analytic functions, such as human Detection, Line Crossing, Intrusion, Object Left/Lost, Counting, for smart event alarms.

Functions

H.265+

H.265+ technology is an evolutionary optimization of H.265 and the traditional H.264. It includes a series of encoding strategies such as dynamic ROI, smart 2D&3D noise reduction for delivering high-quality videos, and significantly saving up to 70% bandwidth and storage.

Protection

With its precise mechanical and rugged metal casing design, IP cameras of the WS series rated IP66 could stand against water and dust for a long time.

With 10% of input voltage tolerance, the cameras could work safely under extreme or unstable power conditions.

With a working temperature range from -30°C to 60°C, the cameras could adapt to a variety of harsh outdoor environments.

Technical Parameters

Camera

Model	IC-WSD12F	Flash / DDR	1Gb / 2Gb
Image Sensor	1/2.8" CMOS	IR LED No.	4 pcs
Effective Pixels	3840(H)×2160(V)	IR Distance	No.Support Warm light LED 4000K , Up to 60m
Min. Illumination	Color: 0.01Lux@F1.4-F2.8(AGC ON)	S/N Ratio	>52dB

Lens

Lens Type	Fix Focal	Aperture	2.0
Mount Type	Board-in	FOV	88°
Focal Length	3.6mm	Quality	8MP

Video

Compression	H.265+, H.265, H.264	WDR	DWDR
Resolution	8MP 3840(H)×2160(V) 1080P (1920 x 1080)	Day / Night	Support
Bitrate Control	CBR / VBR	White Balance	N/A
Bitrate	1024Kbps ~ 8Mbps	Defog	N/A
Multi-Streaming	Main Stream: 16MP@30fps 1080P@30fps	Noise Reduction	2D/3D DNR
	Sub Stream: D1@25fps / VGA@25fps / CIF@25fps	Mirror/Flip	Support
	Third Stream: N/A	Corridor Mode	Support
Motion Detection	Support	HLC	Support
Digital Zoom	Support	BLC	Support
Audio Compression	G7.11u	ROI	4 areas
Privacy Mask	4 areas	Anti-flicker	Support

IVA

Intelligent Video	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM
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Network

Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP	Management Software (VMS)	VMS-4K IMS
Interoperability	ONVIF Profile S, SDK	Operation System	Windows
Max. Online Users	5		
Web Browser	IE / Firefox / Chrome / Safari		

Note: Video streaming is not available for Firefox/Chrome/Safari

Interface

Ethernet	1 RJ-45 port (10/100Mbps)	Reset Button	N/A
Audio I/O	N/A	Micro-SD Slot	N/A
Alarm I/O	N/A	ANR	N/A
RS485	N/A	USB	N/A

General

Power Supply	PoE (IEEE802.3af), DC 12V±10%	Working Temperature	-30°C ~ 60°C
Power Consumption	<3W	Working Humidity	10% ~ 90%
Ingress Protection	IP66	Net Weight	440g
Dimensions (L*W*H)	299.7 * 93 * 88.9 (mm)	Gross Weight	440g

Order Information

Camera	Model	Description
8MP Camera	IC-WSD12F	8MP Fix Focal Lens Human Detection Bullet IP Camera

Dimensions (mm)

