

DHU10955 (IPC-HFW81230E-Z)

12MP Ultra HD Network IR-Bullet Camera



Features

- 1/1.7" 12Megapixel progressive scan Exmor R CMOS
- Support H.265&H.264 dual encoding
- Max 20fps@12MP(4000×3000),25/30fps@4K(3840x2160)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 4.1mm ~16.4mm motorized lens
- Max. IR Distance 50m
- IP67,PoE, IK10

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Technical Specifications

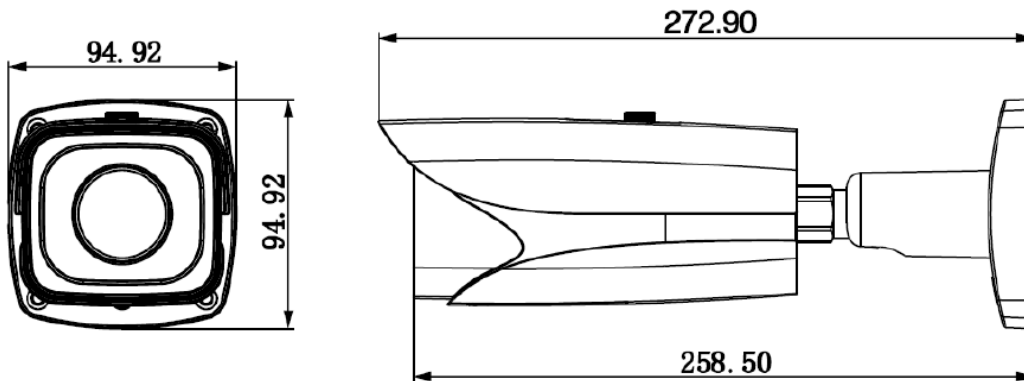
Model	DH-IPC-HFW81230E-Z	
Camera		
Image Sensor	1/1.7" 12Megapixel progressive scan Exmor R CMOS	
Effective Pixels	4000(H)x3000(V)	
Scanning System	Progressive	
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/100000s	
Min. Illumination	0.02Lux/F1.53(Color); 0Lux/F1.53(IR on)	
S/N Ratio	More than 50dB	
Video Output	1 channel BNC (1.0Vp-p,75Ω)	
Camera Features		
Max. IR LEDs Length	50m	
Day/Night	Auto(ICR) / Color / B/W	
Backlight Compensation	BLC / HLC /DWDR/SSA	
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual	
Gain Control	Auto/Manual	
Noise Reduction	3D	
Privacy Masking	Up to 4 areas	
EIS	Support	
Ultra Defog	Support	
Smart focus	Auto focus	
Lens		
Focal Length	4.1-16.4mm	
Max Aperture	F1.53	
Focus Control	Motorized	
Angle of View	H: 86 ° ~ 35 ° V:65°~28°	
Lens Type	Motorized/ Auto Iris(DC)	
Mount Type	Board-in Type	
Video		
Compression	H.265/ H.264	
Resolution	12M(4000×3000)/8M(3840×2160)/6M(3072×2048)/5M(2560×1920)/3M(2048×1536)/3M(2304×1296)/1080P(1920×1080)/1.3M(1280×960)/720P(1280×720)/D1(704×576/704×480)/VGA(640×480)/CIF(352×288/342×240)	
Frame Rate	Main Stream	12M(1~20fps)/8M(1~25/30fps)
	Sub Stream	D1/VGA/CIF(1 ~ 25/30fps)
	Third Stream	1080P/720P/D1(1 ~ 25/30fps)
Bit Rate	H.265: 19 ~ 9984 Kbps H.264: 32 ~ 16384 Kbps	
ROI	Up to 4 areas	
Audio		
Compression	G.711a/ G.711Mu/G.726/AAC	
Interface	1/1 channel In/Out	

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Smart Function(Optional)	
Smart detection	Tripwire
	Intrusion
	Object Abandoned
	Object Missing
	Audio detect
	Defocus detect
	Face detect
Intelligent function	People Counting
	Heat Map
Network	
Ethernet	RJ-45 (100/1000Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x
Compatibility	ONVIF Profile S&G, PSIA, CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android Phone
Auxiliary Interface	
Memory Slot	Micro SD, Max 128GB
RS485	N/A
Alarm	2/1 channel In/Out
General	
Power Supply	DC12V(AC24V optional), PoE (802.3at)
Power Consumption	Max18W (IR on)
Working Environment	-40°C~+60°C, Less than 95% RH
Ingress Protection	IP67
Vandal Resistance	IK10
Dimensions	272.9mm×94.3mm×94.3mm
Weight	1.12kg(1.52 kg with packaging)

DHU10955 (IPC-HFW81230E-Z)

Dimensions (mm)



Accessory (optional)

PFA121	PFA151	PFA152

*Design and specifications are subject to change without notice.

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