

R Series Vari-focal Megapixel Network Camera

IPC-HFW2100R/2200R/2300R-Z/VF
IPC-HDBW2100R/2200R/2300R-Z/VF









Features

- 1.3M/2M/3M progressive scan CMOS
- H.264 & MJPEG dual-stream encoding
- Max 25/30fps@1.3M/1080P, 20fps@3M
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- -VF model: 2.8~12mm vari-focal lens
- -Z model: 2.8~12mm motorized lens
- Max IR distance: 30m(Bullet); 20m(Dome)
- IP66; IK10(Dome)
- DC12V PoE dual power supply



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Model		HFW2100R-Z/VF	HDBW2100R-Z/VF	HFW2200R-Z/VF	HDBW2200R-Z/VF	HFW2300R-Z/VF	HDBW2300R-Z/VF
Camera	Image Sensor	1/3" 1.3Megapixel CMOS		1/2.8" 2Megapixel CMOS		1/3" 3Megapixel CMOS	
	Effective Pixels	1280(H)×960(V)		1920(H)×1080(V)		2048(H)×1536(V)	
	Scanning System	Progressive					
	Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s					
	Min. Illumination	0.1Lux/F1.4(Color), 0.01Lux/F1.4(B/W); 0Lux/F1.4(IR on)					
	S/N Ratio	>50dB					
Camera Features	Max. IR LEDs Length	30m	20m	30m	20m	30m	20m
	Day/Night	Auto(ICR) / Color / B/W					
	Backlight Compensation	BLC / HLC / DWDR					
	White Balance	Auto/Manual					
	Gain Control	Auto/Manual					
	Noise Reduction	3D					
	Privacy Masking	Up to 4 areas					
Lens	Focal length	2.8~12mm					
	Max Aperture	F1.4					
	Angle of View	H: 92°~ 28°		98.1°~ 29.9°		92°~ 28°	
	Lens Type	-VF: Manual/ Fixed Iris; -Z: Motorized/ Fixed Iris					
	Mount Type	Board-in Type					
Video	Compression	H.264/ H.264H/ MJPEG					
	Resolution	3M(2048x1536)/1080P(1920x1080)/1.3M(1280x960)/720P(1280x720)/D1(704x576/704x480)/CIF(352x288/352x240)					
	Frame Rate	Main Stream	1.3M/720P(1~25/30fps)		1080P (1~25/30fps)		3M(1~20fps)/1080P(1~25/30fps)
	Sub Stream	D1/CIF(1~25/30fps)		D1/CIF(1~25/30fps)		D1/CIF(1~25/30fps)	
Network	Bit Rate	H.264H: 40 ~ 8192Kbps; MJPEG: 40 ~ 16384Kbps					
	Ethernet	RJ-45 (10/100Base-T)					
	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					
	Compatibility	ONVIF; CGI; PSIA					
	Max. User Access	20 users					
General	Smart Phone	iPhone, iPad, Android, Windows Phone					
	Power Supply	DC12V/PoE (802.3af)					
	Power Consumption	-VF: Max 4.5W -Z: Max 8.5W	-VF: Max 4W -Z: Max 7.5W	-VF: Max 4.5W -Z: Max 8.5W	-VF: Max 4W -Z: Max 7.5W	-VF: Max 4.5W -Z: Max 8.5W	-VF: Max 4W -Z: Max 7.5W
	Working Environment	-30°C~+60°C, Less than 95% RH					
	Ingress Protection	IP66	IP66, IK10	IP66	IP66, IK10	IP66	IP66, IK10
	Dimensions(W×D×H)	Φ72×80×212.8mm	Φ122×89mm	Φ72×80×212.8mm	Φ122×89mm	Φ72×80×212.8mm	Φ122×89mm
	Weight	0.65Kg	0.5Kg	0.65Kg	0.5Kg	0.65Kg	0.5Kg

* Design and specifications are subject to change without notice.

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