

Model		DH-IPC-HFW3300CP		DH-IPC-HFW3300CN	
Camera					
Image Sensor		1/2.8" 3Megapixel Exmor CMOS			
Effective Pixels		2096(H)x1561(V)			
Scanning System		Progressive			
Electronic Shutter Speed		Auto/Manual, 1/3~1/10000s		Auto/Manual, 1/4~1/10000s	
Min. Illumination		Color: 0. 2Lux/F1.4, B/W: 0.01Lux/F1.4; 0Lux/F1.2(IR on)			
S/N Ratio		>50dB			
Video Output		1 channel, BNC(1.0Vp-p, 75?)			
Camera Features					
Max. IR LEDs Length		20m			
Day/Night		Auto(ICR)/Color/B/W			
Backlight Compensation		BLC / HLC / DWDR			
White Balance		Auto			
Gain Control		Auto/Manual			
Noise Reduction		2D			
Privacy Masking		Up to 4 areas			
Lens					
Focal Length		3.3~12mm			
Max Aperture		F1.4			
Focus Control		Manual			
Angle of View		H: 79.3°(Wide)~29.8°(Tele)			
Lens Type		Manual / Auto Iris (DC)			
Mount Type		Board-in Type			
Video					
Compression		H.264 / MJPEG			
Resolution		3.0M(2048×1536) / 1080P(1920×1080) / 720P(1280×720) / D1(704×576) / CIF(352×288) /		3.0M(2048×1536) / 1080P(1920×1080) / 720P(1280×720) / D1(704×480) / CIF(352×240)	
Frame Rate	Main Stream	3M(1~20fps)/1080P/720P(1 ~ 25/30fps)			
	Sub Stream	D1/CIF(1 ~ 25/30fps)			
Bit Rate		H.264: 32K ~ 8192Kbps, MJPEG: 32K ~ 24576Kbps			
Audio					
Compression		G.711a / G.711u(64kbps) / PCM(128kbps)			
Interface		1/1 channel In/Out			
Network					
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			

ONVIF	ONVIF Ver. 2.0
Max. User Access	10 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD, Max 32GB
Alarm	2/1 channel In/Out
General	
Power Supply	DC12V(AC24 optional), PoE(802.3af)
Power Consumption	<10W
Working Environment	-10°C~+60°C, 10%~90%
Ingress Protection	IP66
Dimensions	?104mm × 306.7mm
Weight	1.25Kg