

HIKVISION®

HiWatch Series

HWC-C220-D/W 2 MP IR Fixed Network Cube Camera



Key Features

- 1/2.8" progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm fixed lens
- 3D DNR
- Up to 10 m IR range
- Up to 10 m PIR range



Specification

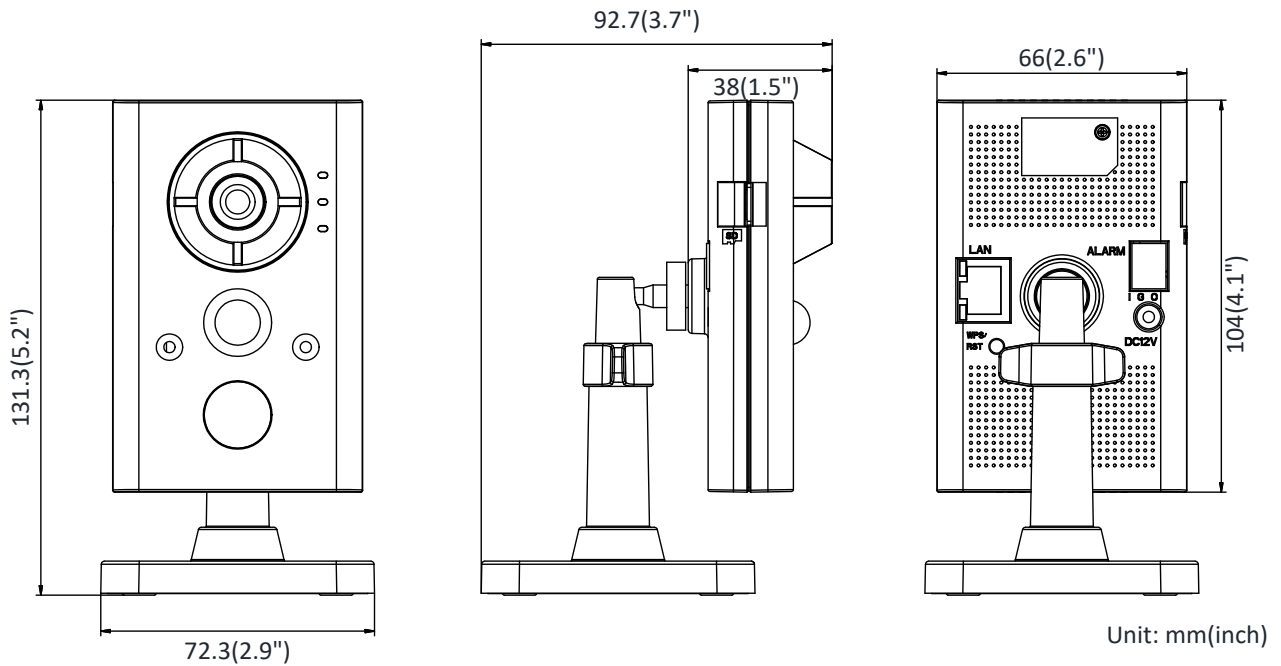
Camera	
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @ (F2.0, AGC ON)
Shutter Speed	1/3 s to 1/100, 000 s
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR cut filter
Digital Noise Reduction	3D DNR
WDR	DWDR
Lens	
Focal length	2.8 mm
Aperture	F2.0
Focus	Fixed
Lens Mount	M12
IR	
IR Range	10 m
PIR	
Angle	80°
Range	10 m
Compression Standard	
Video Compression	H.264/MJPEG
H.264 Type	Main Profile
Video Bit Rate	32 Kbps to 8 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-128Kbps(MP2L2)
Smart Feature-set	
Region of Interest	1 fixed region for main stream
Wi-Fi Specification(Only for the products with Wi-Fi module built-in)	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Output Power	11b: 17±1.5dBm @ 11Mbps 11g: 14±1.5dBm @ 54Mbps 11n: 12.5±1.5dBm
Receive Sensitivity	11b: -90dBm @ 11Mbps (Typical) 11g: -75dBm @ 54Mbps (Typical) 11n: -74dBm (Typical)
Transfer Rates	11b: 11Mbps 11g: 54Mbps 11n: up to 150Mbps
Wireless Range	50m (depend on environment)
Wireless Standards	IEEE802.11b, 802.11g, 802.11n
Image	
Max. Resolution	1920 × 1080

Frame Rate	50Hz: 25fps (1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720) 60Hz: 30fps (1920 × 1080), 30fps (1280 × 960), 30fps (1280 × 720)
Image Enhancement	BLC, 3D DNR
Image Settings	Rotate, saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Network	
Alarm Trigger	Motion detection, video tampering alarm, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, RTP, RTSP, RTCP, NTP, IGMP, QoS, UDP
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark
API	ONVIF (PROFILE S), ISAPI
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Alarm I/O	1 input, 1 output
General	
Operating Conditions	-10 °C to 40°C (14 °F to 104 °F), humidity 95% or less (non-condensing)
Power Supply	12 VDC±25%
Power Consumption and Current	0.4 A, max. 5W
Dimensions	72.3 × 92.7 × 131.3 mm (2.9" × 3.7" × 5.2")
Weight	Camera: 100g (0.2 lbs) With package: 464g (1 lbs)

Available Models

IPC-C220-D (2.8 mm), IPC-C220-W(2.8 mm)

Dimensions



Distributed by



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