

# 5MP Dual light WiFi Bullet Network Camera

IPW-225W-40DL



## Features

- High quality image with 5MP, 1/3"CMOS sensor
- 5MP (2880\*1620)@25/20fps; 4MP (2560\*1440)@25/20fps; 3MP (2304\*1296)@30/25fps; 2MP (1920\*1080)@30/25fps; 720P (1280\*720)@30/25fps
- Ultra 265, H.265, H.264, MJPEG
- Built-in Mic
- Built-in Speaker
- Smart IR, up to 20m IR distance
- Warm Light, up to 10m warm light distance
- Support Dual Light mode, switch between IR and warm lights when the preset is triggered.
- Support 512 G Micro SD card
- Wi-Fi connection and easy installation
- IP67 protection
- 3-Axis

## Specifications

IPW-225W-40DL					
<b>Camera</b>					
Max Resolution	5MP				
Sensor	1/3.0" CMOS				
Min. Illumination	Colour: 0.003 lux (F1.6 AGC ON) 0 lux with IR on				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto/Manual, 1 ~ 1/100000s				
Adjustment Angle	Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotate: 0° ~ 360°				
S/N	>52dB				
WDR	DWDR				
<b>Lens</b>					
Focal Length	4.0 mm				
Iris Type	Fixed /F1.6				
Field of View (H)	79.0°				
Field of View (V)	42.3°				
Field of View (D)	85.1°				
<b>DORI</b>					
DORI Distance	Lens	Detect(m)	Observe(m)	Recognize(m)	Identify(m)
	4.0mm	90	36	18	9
<b>Illuminator</b>					
Supplemental Light	Dual Light: IR / White LED				
Illumination Distance(IR)	20 m				
Illumination Distance(Warm Light)	10 m				
Wavelength	850 nm				
IR On/Off Control	Auto/Manual				
<b>Video</b>					
Video Compression	Ultra 265; H.265; H.264; MJPEG				
H.264 Code Profile	Baseline profile, Main profile, High profile				
Video Stream	Dual Streams				
Frame Rate	Main Stream: 5MP (2880*1620), Max 25fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 25fps; 2MP (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps;				
Video Bit Rate	128 kbps ~ 6144 kbps				
OSD	Up to 4 OSDs				
Privacy Mask	Support (Only with Videosec NVR)				
ROI	Up to 8 areas				

<b>Image</b>	
White Balance	Auto; Outdoor; Fine Tune; Sodium Lamp; Locked; Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal; Flip Vertical; Flip Horizontal; 180°
HLC	N/A
BLC	N/A
Defog	Digital Defog
<b>Events</b>	
Basic Detection	Motion Detection; Ultra Motion Detection; Audio Detection; Tampering Alarm
General Function	IP Address Filtering; Access Policy; ARP Protection; RTSP Authentication; User Authentication; HTTP Authentication
<b>Audio</b>	
Audio Compression	G.711U; G.711A
Audio Bitrate	64 kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz
<b>Storage</b>	
Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR
<b>Network</b>	
Wi-Fi	2.4G Wi-Fi (IEEE802.11b/g/n), built-in antenna
Protocols	IPv4; TCP; UDP; DHCP; RTSP; DNS; DDNS; NTP; HTTP
Compatible Integration	API; SDK
User/Host	Up to 32 users, 2 user levels: administrator and common user
Client	Guard-Live, GuardStation
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above
<b>Wi-Fi</b>	
Wireless Standards	IEEE802.11b/g/n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20 MHz Support
Modulation Mode	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM/HT
Wi-Fi Security	64/128-bit WEP, WPA-PSK/WPA2-PSK
Transmit Power	802.11b: 17 ± 1.5dBm @11Mbps 802.11g: 14 ± 1.5dBm @ 54Mbps 802.11n: 12.5 ± 1.5dBm @150Mbps
Receive Sensitivity	802.11b: -90dBm @11Mbps (Typical) 802.11g: -75dBm @54Mbps (Typical)

	802.11n: -74dBm @150Mbps (Typical)
Transmission Rate	802.11b: 11Mbps 802.11g: 54Mbps 802.11n: up to 150Mbps
<b>Interface</b>	
Built-in Mic	Support
Built-in Speaker	Support
WIFI	Support
Network	1 x RJ45 10M/100M Base-TX Ethernet
<b>Certification</b>	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035) FCC (FCC 47 CFR part15 B)
RF	FCC ID (FCC CFR 47 part15 C) CE RED (EN 301 489-1, EN 301 489-17, EN 300 328, EN 62311)
Safety	CE LVD (EN 62368-1)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);
Protection	IP67 (IEC 60529)
<b>General</b>	
Power	DC 12V±25% Power consumption: Max 5.7W
Power Interface	Ø 5.5mm coaxial power plug
Material	Metal + Plastic
Dimensions	148 x 78 x 78mm
Weight	0.31 kg
Working Environment	-30 °C ~ 60 °C, Humidity: ≤95% RH (non-condensing)
Storage Environment	-30 °C ~ 60 °C, Humidity: ≤95% RH (non-condensing)
Surge Protection	4kV
Reset Button	Support
LED Indicator	1, red/blue

## Dimensions

