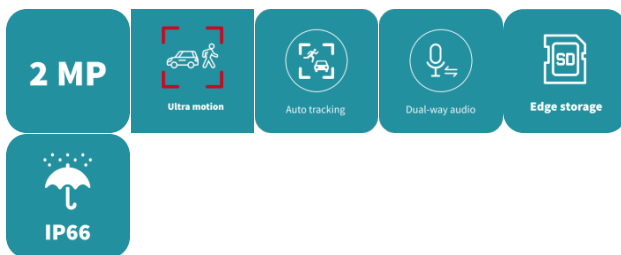


## 2MP ColorHunter Outdoor Network PT Camera

### IPC-P222-AF40C



## Features

- High quality image with 1080P, 1/3.0"CMOS sensor
- 1080P (1920 × 1080)@25/20 fps; 720P (1280 × 720)@25/20 fps
- H.265, H.264
- 2D/3D DNR (digital noise reduction)
- Support digital WDR (Wide Dynamic Range)
- Built in Mic and Speaker, support two way audio, offer better interaction
- Support sound and light warning, makes warning and alarming more noticeable
- Smart IR, up to 30 m (98.4 ft.) IR and 30 m (98.4 ft.) warm light distance, suitable for more scenes
- MicroSD, up to 512 GB
- IP66 ingress protection

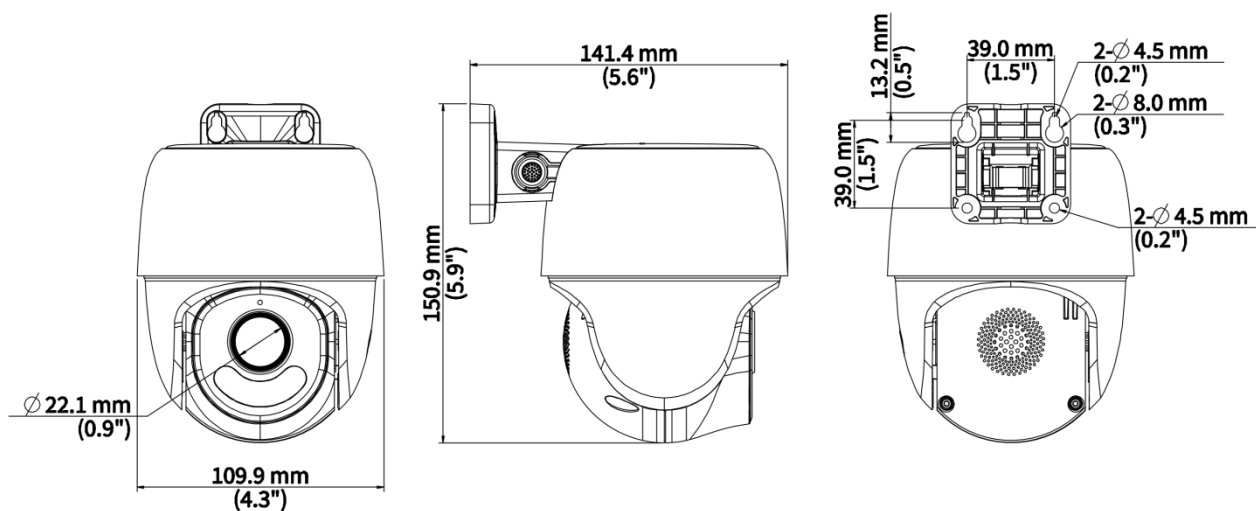
## Specifications

| Model                              | IPC-P222-AF40C                                                                                                                                                  |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Camera                             |                                                                                                                                                                 |
| Max Resolution                     | 2 MP                                                                                                                                                            |
| Sensor                             | 1/3.0" CMOS                                                                                                                                                     |
| Min. Illumination                  | Color: 0.003 Lux (F1.6, AGC ON)                                                                                                                                 |
| Day/Night                          | IR-cut filter with auto switch (ICR)                                                                                                                            |
| Shutter                            | Auto/Manual, 1 to 1/100000 s                                                                                                                                    |
| S/N                                | > 52 dB                                                                                                                                                         |
| WDR                                | DWDR                                                                                                                                                            |
| Lens                               |                                                                                                                                                                 |
| Focal Length                       | 4.0 mm                                                                                                                                                          |
| Iris                               | F1.6                                                                                                                                                            |
| Field of View (H)                  | 74.3°                                                                                                                                                           |
| Field of View (V)                  | 39.3°                                                                                                                                                           |
| Field of View (D)                  | 79.9°                                                                                                                                                           |
| Lens Type                          | Fixed                                                                                                                                                           |
| Iris Type                          | Fixed                                                                                                                                                           |
| DORI                               |                                                                                                                                                                 |
| DORI Distance (Lens)               | 4 mm                                                                                                                                                            |
| DORI Distance (Detect)             | 66.7 m (219.7 ft.)                                                                                                                                              |
| DORI Distance (Observe)            | 26.7 m (87.5 ft.)                                                                                                                                               |
| DORI Distance (Recognize)          | 13.3 m (43.7 ft.)                                                                                                                                               |
| DORI Distance (Identify)           | 6.7 m (21.9 ft.)                                                                                                                                                |
| Illuminator                        |                                                                                                                                                                 |
| Supplemental Light                 | Dual light                                                                                                                                                      |
| Illumination Distance (IR)         | 30 m (98.4 ft.)                                                                                                                                                 |
| Illumination Distance (Warm Light) | 30 m (98.4 ft.)                                                                                                                                                 |
| Wavelength                         | 850 nm                                                                                                                                                          |
| IR On/Off Control                  | Auto/Manual                                                                                                                                                     |
| Video                              |                                                                                                                                                                 |
| Video Compression                  | H.265, H.264                                                                                                                                                    |
| Frame Rate                         | Main Stream: 2MP (1920*1080), Max 25fps; 720P (1280*720), Max 25fps;<br>Sub Stream: 640*360, Max 25 fps; 2CIF (704*288), Max 25 fps; CIF (352*288), Max 25 fps; |
| Video Bit Rate                     | 128 Kbps to 6144 Kbps                                                                                                                                           |
| OSD                                | Up to 2 OSDs                                                                                                                                                    |
| Privacy Mask                       | Support (only NVR)                                                                                                                                              |
| ROI                                | Support                                                                                                                                                         |
| Video Stream                       | Dual streams                                                                                                                                                    |
| Image                              |                                                                                                                                                                 |

|                         |                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| White Balance           | Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2                                                                                                                                     |
| Digital Noise Reduction | 2D/3D DNR                                                                                                                                                                                |
| Smart IR                | Support                                                                                                                                                                                  |
| Flip                    | Normal, Flip horizontal, Flip vertical, 180°                                                                                                                                             |
| HLC                     | N/A                                                                                                                                                                                      |
| BLC                     | Support                                                                                                                                                                                  |
| Defog                   | Digital defog                                                                                                                                                                            |
| Audio                   |                                                                                                                                                                                          |
| Audio Compression       | G.711U, G.711A                                                                                                                                                                           |
| Audio Bitrate           | 64 Kbps                                                                                                                                                                                  |
| Two-way Audio           | Support                                                                                                                                                                                  |
| Suppression             | Support                                                                                                                                                                                  |
| Sampling Rate           | 8 kHz                                                                                                                                                                                    |
| Events                  |                                                                                                                                                                                          |
| Basic Detection         | Ultra motion detection (based on human body and vehicle detection), High-Decibel detection                                                                                               |
| General Function        | IP address filtering, Access policy, HTTP authentication, RTSP authentication, User authentication, ARP protection                                                                       |
| Intelligent             |                                                                                                                                                                                          |
| Auto Tracking           | Support                                                                                                                                                                                  |
| Storage                 |                                                                                                                                                                                          |
| Edge Storage            | MicroSD, up to 512 GB                                                                                                                                                                    |
| Network Storage         | ANR                                                                                                                                                                                      |
| Network                 |                                                                                                                                                                                          |
| Protocols               | IPv4, TCP, DHCP, RTSP, RTP, RTCP, NTP, HTTP, ICMP, DNS, DDNS, Websocket                                                                                                                  |
| Compatible Integration  | SDK, API                                                                                                                                                                                 |
| Client                  | APP, Uniarch client                                                                                                                                                                      |
| Web Browser             | Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+                                                                                                                    |
| Security                | Password protection, Strong Password, Export operation logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF |
| User/Host               | Up to 6 users. 2 user levels: administrator and common user                                                                                                                              |
| Interface               |                                                                                                                                                                                          |
| Serial Port             | N/A                                                                                                                                                                                      |
| Audio I/O               | N/A                                                                                                                                                                                      |
| Alarm I/O               | N/A                                                                                                                                                                                      |
| Built-in Mic            | Support                                                                                                                                                                                  |
| Built-in Speaker        | Support                                                                                                                                                                                  |
| WIFI                    | N/A                                                                                                                                                                                      |
| Network                 | 1 × RJ45 10 M/100 M Base-TX Ethernet                                                                                                                                                     |
| PTZ                     |                                                                                                                                                                                          |
| Pan Range               | 0° ~ 345°                                                                                                                                                                                |
| Pan Speed               | 1°/s ~ 40°/s<br>Preset speed: 40°/s                                                                                                                                                      |
| Tilt Range              | 0° ~ 90°                                                                                                                                                                                 |

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| Tilt Speed          | 1°/s ~ 30°/s<br>Preset speed: 30°/s                                                      |
| Number of Presets   | 20                                                                                       |
| General             |                                                                                          |
| Material            | Plastic                                                                                  |
| Power Consumption   | 7.3 W                                                                                    |
| Power               | DC 12V±25%, PoE (IEEE 802.3af)                                                           |
| Power Interface     | Ø5.5 mm coaxial power plug                                                               |
| Dimensions          | Ø110mm*141mm*151mm (Ø4.3"× 5.6"× 6.0")                                                   |
| Weight              | 0.38 kg (0.84 lb)                                                                        |
| Working Environment | -30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)                  |
| Surge Protection    | 4 KV                                                                                     |
| Reset Button        | Support                                                                                  |
| LED Indicator       | 1, red/blue                                                                              |
| Certification       |                                                                                          |
| Protection          | IP66 (IEC 60529)                                                                         |
| EMC                 | CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035)<br>FCC (FCC 47 CFR part15 B) |
| Safety              | CE LVD (EN IEC 62368-1)                                                                  |
| Environment         | CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);                                    |

## Dimensions



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