

IPC-HFW2231MP-AS-I2-B-0360B-S2

- 2-megapixel IP video kamera designed for installation in external security systems
- Pixels:1920 × 1080
- IR=30 m
- F=3.6 mm
- H. 265; H. 264; H. 264B
- MJPEG; BLC; HLC; WDR; 3D DNR
- IP67

|                       |       |
|-----------------------|-------|
| Növ                   | IP    |
| Megapixel             | 2 MP  |
| Obyektiv              | Sabit |
| Fokus                 | 3.6   |
| İşıqlandırma          | İR    |
| İşıqlandırma məsafəsi | 30 m  |
| Qoruma                | IP67  |
| Material              | Metal |



Ətraflı

|                          |                                               |
|--------------------------|-----------------------------------------------|
| Model                    | IPC-HFW2231MP-AS-I2-B-0360B-S2                |
| Camera                   |                                               |
| The matrix               | 1/2. 8 2 MP Progressive Scan CMOS             |
| Effective pixels         | 1920 × 1080                                   |
| ROM                      | 128 MB                                        |
| RAM                      | 128 MB                                        |
| Scanning system          | Progressive                                   |
| Electronic shutter speed | Auto / Manual 1 / 3 seconds- 1 / 100 000 with |
| Mines. lighting          | 0.002 Lux F1. 6                               |

|                               |        |                                                                                                                                   |                     |                     |                    |
|-------------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------|--------------------|
| Signal-To-Noise Ratio         |        | >56 dB                                                                                                                            |                     |                     |                    |
| IR distance                   |        | 30 m (98.4 ft)                                                                                                                    |                     |                     |                    |
| IR Control On / Off           |        | Auto / Manual                                                                                                                     |                     |                     |                    |
| IR LEDs                       |        | 2                                                                                                                                 |                     |                     |                    |
| Lens                          |        |                                                                                                                                   |                     |                     |                    |
| Lens Type                     |        | Fixed                                                                                                                             |                     |                     |                    |
| Focal length                  |        | 3.6 mm                                                                                                                            |                     |                     |                    |
| Max. aperture                 |        | F1.6                                                                                                                              |                     |                     |                    |
| Viewing angle                 |        | Horizontal 87°; Vertical 46°; Diagonal 104°                                                                                       |                     |                     |                    |
| Aperture type                 |        | Fixed                                                                                                                             |                     |                     |                    |
| Closed focal length           |        | 1.2 m (3.9 ft)                                                                                                                    |                     |                     |                    |
| DOPE Distance                 | Lens   | Detection                                                                                                                         | Notification        | Speech recognition  | Identification     |
|                               | 3.6 mm | 55.2 m<br>(181.1 ft)                                                                                                              | 22.1 m<br>(72.5 ft) | 11.0 m<br>(36.1 ft) | 5.5 m<br>(18.0 ft) |
| Smart Events                  |        |                                                                                                                                   |                     |                     |                    |
| Smart features                |        | Stretching; Intrusion                                                                                                             |                     |                     |                    |
| Video                         |        |                                                                                                                                   |                     |                     |                    |
| Video compression             |        | H. 265; H. 264; H. 264B; MJPEG (optional stream only supported)                                                                   |                     |                     |                    |
| Smart Codec                   |        | Smart H265+ / Smart H264+                                                                                                         |                     |                     |                    |
| Video Frame Rate              |        | Main stream:<br>1920 × 1080 (1 fps - 25 / 30 fps)<br>Additional stream:<br>704 × 576 (1 fps - 25 fps)<br>704 × 480 (1 fps-30 fps) |                     |                     |                    |
| Streaming capabilities        |        | 2 streams                                                                                                                         |                     |                     |                    |
| Permission                    |        | 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288 / 352 × 240) |                     |                     |                    |
| Data transfer rate monitoring |        | CBR / VBR                                                                                                                         |                     |                     |                    |

|                        |                                                                                                                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Bitrate          | H.264: 32 kbps – 6144 kbps<br>H.265: 12 kbps – 6144 kbps                                                                                                                                                                  |
| Day / Night            | Color / B / W                                                                                                                                                                                                             |
| BLC                    | There are                                                                                                                                                                                                                 |
| HLC                    | There are                                                                                                                                                                                                                 |
| WDR                    | 120 dB                                                                                                                                                                                                                    |
| White Balance          | Auto / Natural / Street Lamp / Outdoor / Regional / Usual                                                                                                                                                                 |
| Gain control           | Auto / Manual                                                                                                                                                                                                             |
| Noise reduction        | 3D DNR                                                                                                                                                                                                                    |
| Motion Detection       | Off / On (4 Zones, Rectangle)                                                                                                                                                                                             |
| Area of Interest (RoI) | Yes (4 Zones)                                                                                                                                                                                                             |
| Smart Lighting         | There are                                                                                                                                                                                                                 |
| Rotate an image        | 0 ° / 90 ° / 180 ° / 270 ° (support 90 ° / 270 ° with 1080p resolution and below)                                                                                                                                         |
| Display                | There are                                                                                                                                                                                                                 |
| Privacy Mask           | 4 Zones                                                                                                                                                                                                                   |
| <b>Audio</b>           |                                                                                                                                                                                                                           |
| Audio Compression      | G.711A; G.711Mu; G.726; AAC                                                                                                                                                                                               |
| <b>Anxiety</b>         |                                                                                                                                                                                                                           |
| Disturbing events      | No SD Card; SD card is full; SD card error; Network Outage; IP Conflict; Motion Detection; Video Interference; Stretching; Intrusion; Illegal access; Voltage detection; Sound detection; Security exception; Local alarm |
| <b>Network</b>         |                                                                                                                                                                                                                           |
| Network                | RJ-45 (10 / 100 Base-T)                                                                                                                                                                                                   |
| SDK and API            | There are                                                                                                                                                                                                                 |
| Protocol               | HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP;DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; RTMP; Многоадресная рассылка; HTTPS; SFTP; 802.1x; ICMP; IGMP                                                            |
| Compatibility          | ONVIF (S Profile / G Profile / T Profile); CGI; P2P; Milestone; Genetec                                                                                                                                                   |

|                              |                                                                |
|------------------------------|----------------------------------------------------------------|
| User / Host                  | 20 (Total throughput: 64 M)                                    |
| Keeping                      | Dahua Cloud; FTP; Micro SD Card (Support max. 256G); NAS; SFTP |
| Browser                      | IE<br>Chrome<br>Firefox                                        |
| Management software          | Smart PSS; DSS; DMSS                                           |
| Smartphones                  | IOS; Android                                                   |
| <b>Certificates</b>          |                                                                |
| Certificates                 | CE-LVD: EN62368-<br><br>/ EU<br>CFR FCC, Part 15, Subsection B |
| <b>Ports</b>                 |                                                                |
| Audio input                  | 1 channel (RCA Port)                                           |
| Audio output                 | 1 channel (RCA Port)                                           |
| Alarm input                  | 2 channels I / O:5mA 3V-5V DC                                  |
| Alarm output                 | 2 channels output:300mA 12V DC                                 |
| <b>Protection</b>            |                                                                |
| Degree of protection         | IP67                                                           |
| <b>Working environment</b>   |                                                                |
| Operating conditions         | -40 ° C to + 60 ° C (-40 ° F to + 140 ° F) / Less than 95% RH  |
| Storage conditions           | -40 ° C to + 60 ° C (-40 ° F to + 140 ° F)                     |
| <b>Electrical properties</b> |                                                                |
| Power supply                 | 12V DC / PoE (802.3af)                                         |
| Power consumption            |                                                                |
| <b>General information</b>   |                                                                |
| Body                         | Metal+Plastic                                                  |
| Colour                       | White                                                          |

|              |                                                   |
|--------------|---------------------------------------------------|
| Sizes        | 194.1 mm × 96.4 mm × 89.5 mm (7.6" × 3.8" × 3.5") |
| Net Weight   | 0.725 kg (1.6 lb)                                 |
| Gross Weight | 1,215 kg (2.7 lb)                                 |