

## DH-IPC-EW4431-ASW

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### Product features

1/3" 4Megapixel progressive scan CMOS

25fps @ 4M (2688×1520)

H.265&H.264 triple-stream encoding

Max. IR LEDs Length 15m

WDR (120dB), Day/Night (ICR), 3DNR, AWB, AGC, BLC

Support Intrusion, Tripwire, Heat Map

1/1 Alarm in/out, 1/1 audio in/out, built-in MIC

Micro SD memory 128G, POE, WIFI

180° Angel View, more details

| Specification | Name                     | Value                                                                    |
|---------------|--------------------------|--------------------------------------------------------------------------|
| Model         |                          | DH-IPC-EW4431-ASW                                                        |
| Camera        | Image Sensor             | 1/3"4Megapixel progressive scan CMOS                                     |
|               | Effective Pixels         | 2688×1520                                                                |
|               | Electronic Shutter Speed | Auto/Manual, 1s~1/100000s                                                |
|               | Minimum Illumination     | 0.01Lux( Color,1/3s,30IRE)<br>0.1Lux( Color,1/30s,30IRE)<br>0Lux(IR on ) |
|               | IR Distance              | Distance up to 15m                                                       |

|           |                       |                                                                                                             |
|-----------|-----------------------|-------------------------------------------------------------------------------------------------------------|
|           | IR LEDs               | 3                                                                                                           |
|           | IR On/Off Control     | Auto                                                                                                        |
|           | Noise Reduction       | 3D DNR                                                                                                      |
|           | WDR                   | 120dB                                                                                                       |
|           | S/N Ratio             | More than 56dB                                                                                              |
|           | Day/Night             | Auto(ICR) / Color / B/W                                                                                     |
|           | Gain Control          | Auto/Manual                                                                                                 |
|           | White Balance Control | Auto/Manual                                                                                                 |
|           | BLC                   | Support                                                                                                     |
|           | HLC                   | Support                                                                                                     |
| Lens      | Lens Type             | Fixed , 1.6mm                                                                                               |
|           | Mount Type            | M12                                                                                                         |
|           | Aperture              | F1.4                                                                                                        |
|           | Aperture Control      | Auto                                                                                                        |
|           | Angle of View         | H:182°; V:118°                                                                                              |
| Audio     | Input                 | 1 channel In; Built-in MIC                                                                                  |
|           | Output                | 1 channel out                                                                                               |
|           | Compression           | G.711a;G.711Mu;G.726;ACC                                                                                    |
|           | Sampling Rate         | Up to 64Kbps                                                                                                |
| Video     | Compression           | H.264;H.264H;MJPEG;H.265                                                                                    |
|           | Bit Rate              | 14Kbps ~ 40Mbps                                                                                             |
|           | Frame Rate            | Main Stream(1280×720@25fps),<br>Sub Stream(704×576@25fps),<br>Third Stream(1280×720@25fps)                  |
| Alarm     | Input                 | 1 channel in                                                                                                |
|           | Output                | 1 channel out                                                                                               |
|           | Alarm Trigger         | No disk ;Disk Full; Disk Error; Network disconnect; IP address Conflict; Motion Detection; Video Tampering; |
| functions | OSD                   | Time; Channel; Location; Pictures                                                                           |
|           | Flip                  | N/A                                                                                                         |
|           | Mirror                | N/A                                                                                                         |

|                     |                     |                                                                                               |
|---------------------|---------------------|-----------------------------------------------------------------------------------------------|
|                     | Storage             | Micro SD card 128GB<br>NAS<br>iSCSI<br>FTP                                                    |
|                     | Max. User Access    | 20 Users                                                                                      |
|                     | Default             | One key reset                                                                                 |
|                     | WiFi                | Support                                                                                       |
|                     | IVS                 | Support                                                                                       |
|                     | Face Detection      | N/A                                                                                           |
|                     | Privacy Masking     | Max 4 Areas                                                                                   |
| WIFI                | WIFI Standard       | IEEE802.11b,802.11g,802.11n                                                                   |
|                     | Frequency           | 2.4G~2.4835GHZ                                                                                |
|                     | Security            | 64/128-bit<br>WEP,WPA/WPA2,WPA-PSK/WPA2-PSK,WPS                                               |
|                     | Transmission Rate   | 11b:11Mbps 11g : 54Mbps 11n: Up to<br>150Mbps                                                 |
|                     | Distance            | 80M ( No Disturbing, No Tampering )                                                           |
| Network &<br>Access | Ethernet            | RJ-45 (10/100Base-T)                                                                          |
|                     | Protocol            | HTTP;TCP;ARP;RTSP;RTP;UDP;RTCP;SMTP;FTP<br>;DHCP;DNS;DDNS;PPPOE;IPv4/v6;SNMP;QoS;<br>UPnP;NTP |
|                     | Access Standard     | ONVIF;GB/T28181;CGI;PSIA                                                                      |
| General             | Power Supply        | DC12V/POE                                                                                     |
|                     | Power consumption   | Max 10w                                                                                       |
|                     | Working temperature | -10℃~+50℃                                                                                     |
|                     | Working humidity    | ≤95%                                                                                          |
|                     | Ingress Protection  | N/A                                                                                           |
|                     | Casing              | Metal + Plastic                                                                               |
|                     | Size                | Φ126*37.7                                                                                     |
|                     | Weight              | 500g (With Package : 525g)                                                                    |

#### Product appearance and Size

