

## HC-IPC-D4212DU-0280



### Product Features

- ≥ H.265+ /H.265 /H.264+ /H.264/MJPEG coding
- ≥ Max. resolution: 3MP (2304x1296)
- ≥ Auto day/night switch
- ≥ 3D DNR, WDR, HLC, BLC, etc.
- ≥ ROI coding
- ≥ Support smart supplement light
- ≥ 10~20m white light view distance; 20~30m IR view distance
- ≥ PoE power supply
- ≥ Support dual streams
- ≥ Support remote monitoring by smart phones& tablet  
PCs with iOS and Android OS
- ≥ Support line crossing detection & region intrusion detection
- ≥ Support SMD
- ≥ Support P2P function
- ≥ Support dual-system backup
- ≥ IP 67 Ingress Protection



An ISO 9001:2008 Certified Company

## Specifications :

### CAMERA

|                    |                                                 |
|--------------------|-------------------------------------------------|
| Sensor             | 1 / 3" CMOS                                     |
| Image Size         | 2304×1296                                       |
| Electronic Shutter | 1 / 3s ~ 1 / 100000s                            |
| Iris Type          | Fixed Iris                                      |
| Min. Illumination  | 0.02 lux @F2.0, AGC ON; 0 lux (Illumination on) |
| Lens               | 2.8mm @F2.0                                     |
| Angle of view (H)  | 90°                                             |
| Focus              | Fixed                                           |
| Lens Mount         | M12                                             |
| Day & Night        | ICR                                             |
| Wide Dynamic Range | 120 dB                                          |
| BLC                | Supported                                       |
| HLC                | Supported                                       |
| Defog              | Supported                                       |
| Digital NR         | Supported                                       |
| S/N Ratio          | ≥50Db                                           |
| Angle Adjustment   | Pan: 0°~360°; Tilt:0°~80°; Rotation: 0°~360°    |

### VIDEO

|                            |                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------|
| Video Compression          | Main stream: H.265+ / H.265 / H.264 + / H.264<br>Sub stream: H.265+ / H.265 / H.264 + / H.264 / MJPEG |
| H.265 Compression Standard | Main Profile@Leve4.1 High Tier                                                                        |
| Resolution                 | 3MP (2304×1296), 1080P (1920×1080), 720P (1280×720),<br>D1, 640×360, VGA (640×480), 480×240, CIF      |
| Main Stream                | 3MP/1080P/720P (60Hz: 1~30fps; 50Hz: 1~25fps)                                                         |



An ISO 9001:2008 Certified Company

|                   |                                                                                                                                                           |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sub Stream        | D1/640×360/VGA/480× 240/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)                                                                                                |
| Bit Rate          | 32 Kbps ~ 4 Mbps                                                                                                                                          |
| Bit Rate Type     | VBR / CBR                                                                                                                                                 |
| Audio Compression | G711A/U                                                                                                                                                   |
| Image Settings    | ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser |
| ROI               | Each ROI to be configured separately                                                                                                                      |

### INTERFACES

|         |                      |
|---------|----------------------|
| Network | RJ45 (10/100 Base-T) |
| Audio   | 1CH built-in MIC     |

### FUNCTIONS

|                    |                                                                                                      |
|--------------------|------------------------------------------------------------------------------------------------------|
| Remote Monitoring  | Web browser /NVR/NVMS2.X/Mobile APP                                                                  |
| Online Connection  | Support simultaneous monitoring for up to 3 users; Support multi-stream real time transmission       |
| Network Protocol   | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTMP, DDNS, 802.1x, HTTP, QoS, P2P                                 |
| Interface Protocol | ONVIF                                                                                                |
| API & SDK          | Supported                                                                                            |
| Storage            | Network remote storage                                                                               |
| Motion Detection   | Support smart motion detection; filtering motion alarm triggered by other target types except people |
| Smart Alarm        | White light alarm triggered by smart events, IP conflict, network disconnected                       |
| Smart Event        | (People) region intrusion/line crossing detection                                                    |
| General Function   | Watermark, video mask, heartbeat, one-click disarming                                                |



An ISO 9001:2008 Certified Company

## Security

Video encryption, firmware encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP

## PoE

Yes, IEEE802.3af

## Supplement Light Range

IR range: 20 ~ 30 m; white light range: 10 ~ 20 m

## GENERAL

### Power Supply

PoE power supply

### Power Consumption

< 5W

### Operating Environment

- 20 °C ~ 55 °C (-4°F~131°F);

Humidity: less than 95 % (non-condensing)

### Dimensions (mm)

Φ 94.8 × 82.8

### Weight (net)

Approx. 0.28KG

### Ingress Protection

IP67



An ISO 9001:2008 Certified Company