

## DH-SD6AE230F-HNI

### 2Mp Full HD 30x WDR Star Light Network IR PTZ Dome Camera



#### Features

- Powerful 30x optical zoom
- Ultra-low light star-light camera
- H.264 & MJPEG Three-stream encoding
- Max 60fps@720P and 30fps@1080P resolution
- Defog, WDR, EIS, ROI, Day/Night(ICR), DNR (2D&3D), Auto iris, Auto focus, AWB, AGC,BLC
- Auto-tracking and IVS
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 240°/s pan speed, 360° endless pan rotation
- Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 7/2 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP67, IK10, Hi-POE
- IR Distance up to 200m

## DH-SD6AE230F-HNI

### Technical Specifications

|                          |                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------|
| <b>Model</b>             | <b>DH-SD6AE230F-HNI</b>                                                             |
| <b>Camera</b>            |                                                                                     |
| Image Sensor             | 1/1.9" CMOS                                                                         |
| Effective Pixels         | 1944(H) x 1092(V), 2 Megapixels                                                     |
| Scanning System          | Progressive                                                                         |
| Electronic Shutter Speed | 1/1 ~ 1/30,000s                                                                     |
| Min. Illumination        | Color: 0.005Lux@F1.6; B/W: 0.0005Lux@F1.6; 0Lux (IR on)                             |
| S/N Ratio                | More than 56dB                                                                      |
| Video Output             | BNC(1.0Vp-p/75Ω), PAL / NTSC                                                        |
| <b>Camera Features</b>   |                                                                                     |
| Day/Night                | Auto(ICR) / Color / B/W                                                             |
| Backlight Compensation   | BLC / HLC / WDR                                                                     |
| White Balance            | Auto, ATW, Indoor, Outdoor, Manual                                                  |
| Gain Control             | Auto / Manual                                                                       |
| Noise Reduction          | Ultra DNR (2D/3D)                                                                   |
| Privacy Masking          | Up to 24 areas                                                                      |
| Digital Zoom             | 16x                                                                                 |
| EIS                      | Support                                                                             |
| Defog                    | Support                                                                             |
| <b>Lens</b>              |                                                                                     |
| Focal Length             | 5mm~150mm(30x Optical zoom)                                                         |
| Max Aperture             | F1.6 ~ F4.8                                                                         |
| Focus Control            | Auto / Manual                                                                       |
| Angle of View            | H: 51.2° ~ 1.8°                                                                     |
| Close Focus Distance     | 100mm~ 1000mm                                                                       |
| <b>PTZ</b>               |                                                                                     |
| Pan/Tilt Range           | Pan: 0° ~ 360° endless; Tilt: -10° ~ 90°, auto flip 180°                            |
| Manual Control Speed     | Pan: 0.1° ~240° /s; Tilt: 0.1° ~120° /s                                             |
| Preset Speed             | Pan: 240° /s; Tilt: 200° /s                                                         |
| Preset                   | 300                                                                                 |
| PTZ Mode                 | 5 Pattern, 8 Tour, Auto Pan, Auto Scan                                              |
| Speed Setup              | Human-oriented focal length/ speed adaptation                                       |
| Power up Action          | Auto restore to previous PTZ and lens status after power failure                    |
| Idle Motion              | Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period |
| Time Task                | Auto activation of Preset/ Pan/ Scan/ Tour/ Pattern by preset-time                  |
| Protocol                 | DH-SD, Pelco-P/D (Auto recognition)                                                 |
| <b>Video</b>             |                                                                                     |
| Compression              | H.264 / MJPEG                                                                       |

## DH-SD6AE230F-HNI

|                             |              |                                                                                                                                                                                 |
|-----------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Resolution                  |              | 1080P(1920×1080) / 720P(1280×720) /D1(704×576/704×480) /CIF(352×288/352×240)                                                                                                    |
| Frame Rate                  | Main Stream  | 1080P/ D1 (1 ~ 25/30fps), 720P(1~50/60fps)                                                                                                                                      |
|                             | Sub Stream 1 | D1/CIF(1 ~ 25/30fps)                                                                                                                                                            |
|                             | Sub Stream 2 | 720P/D1/ CIF (1 ~ 25/30fps)                                                                                                                                                     |
| Bit Rate                    |              | H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps                                                                                                                                   |
| <b>Audio</b>                |              |                                                                                                                                                                                 |
| Compression                 |              | G.711a / G.711u(32kbps)/ PCM(128kbps)                                                                                                                                           |
| Interface                   |              | 1/1 channel In/Out                                                                                                                                                              |
| <b>Intelligent Function</b> |              |                                                                                                                                                                                 |
| Auto Tracking               |              | Single-scene, multiple-scene, panorama-scene                                                                                                                                    |
| IVS                         |              | Tripwire, Intrusion, Cross Warning Zone, Perimeter Protection, Loitering Detection, Abandoned Object Detection, Missing Object Detection, Illegal Parking, Fast Moving and etc. |
| Tracking Trigger Mode       |              | Manual / Auto (alarm triggered)                                                                                                                                                 |
| Tracking Trigger Event      |              | Targeting, Zoom, Tracking, Recording, Snapshot, Alarm and etc.                                                                                                                  |
| <b>Network</b>              |              |                                                                                                                                                                                 |
| Ethernet                    |              | RJ-45 (10/100Base-T)                                                                                                                                                            |
| Protocol                    |              | IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x                           |
| Compatibility               |              | ONVIF PSIA CGI                                                                                                                                                                  |
| Max. User Access            |              | 20 users                                                                                                                                                                        |
| Smart Phone                 |              | iPhone, iPad, Android, Windows Phone                                                                                                                                            |
| <b>Auxiliary Interface</b>  |              |                                                                                                                                                                                 |
| Memory Slot                 |              | Micro SD, Max 64GB                                                                                                                                                              |
| RS485                       |              | 1                                                                                                                                                                               |
| Alarm                       |              | 7/2 channel In/Out                                                                                                                                                              |
| <b>General</b>              |              |                                                                                                                                                                                 |
| Power Supply                |              | AC24V/3A(±25%), Hi-POE                                                                                                                                                          |
| Power Consumption           |              | 20W, 43W (IR on, Heater on)                                                                                                                                                     |
| Working Environment         |              | -40°C ~ 70°C / Less than 90% RH                                                                                                                                                 |
| Ingress Protection          |              | IP67, IK10                                                                                                                                                                      |
| Dimensions                  |              | Φ252(mm) x 384.3 (mm)                                                                                                                                                           |
| Weight                      |              | 6.75kg                                                                                                                                                                          |




## DH-SD6AE230F-HNI

### Accessories

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| DH-PFB303W                                                                        | DH-PFA111                                                                         | Power Supply                                                                        |

### Accessories (Optional)

|                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| DH-PFB300C                                                                          | DH-PFA112                                                                           | DH-PFA113                                                                           |

|                                                                                     |                                                                                     |                                                                                      |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |  |
| DH-PFA120                                                                           | DH-PFA150                                                                           | DH-PFA151                                                                            |

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\*Design and specifications are subject to change without notice.

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