

## 8MP 31x IR PTZ Camera

# DC-S3883HRX-A

- Easy Installation with DirectIP NVR
- 4K UHD (3840 x 2160) Resolution
- AF optical zoom lens (f=6.5 - 202mm), 31x zoom
- micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
- Alarm In / Out
- IK10 / IP66 supports
- Built-in Heater
- PoE (IEEE 802.3bt), 24V AC
- Day and Night (ICR)
- True Wide Dynamic Range (WDR)
- Digital Image Stabilization (DIS) with Gyro Sensor
- IR LED (Distance : 200m / 656.2ft)
- Supports ONVIF



## SPECIFICATIONS

| VIDEO                              |                                                                                                                                            |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                       | 1/1.7" CMOS                                                                                                                                |
| Max. Resolution                    | 3840 x 2160                                                                                                                                |
| Scanning Mode                      | Progressive Scan                                                                                                                           |
| Lens Type                          | AF Zoom Lens                                                                                                                               |
| Focal Length                       | f=6.5 - 202mm                                                                                                                              |
| Aperture                           | F1.55 - 4.8                                                                                                                                |
| Iris Control                       | DC Auto Iris (HALL SENSOR)                                                                                                                 |
| Angular Field of View              | Wide : 58.2°(H), 34.4°(V), 65.2°(D)<br>Tele : 1.99°(H), 1.13°(V), 2.3°(D)                                                                  |
| Min. Illumination                  | Color : 0.1 Lux @ F1.55<br>B/W : 0 Lux (IR LED On)                                                                                         |
| Dynamic Range                      | 120dB (True WDR)                                                                                                                           |
| Electronic Shutter Speed           | Auto / Manual (1/30 ~ 1/10000), Anti-Flicker, Slow Shutter ( 1~1/5, 1/7.5, 1/15)                                                           |
| Day and Night                      | IR Cut Filter with Auto Switch                                                                                                             |
| IR Distance (LEDs)                 | 200 m / 656.2ft (2ea)                                                                                                                      |
| Image Setting                      | Exposure, White Balance, Self-Adjusting Video Mode(Sharpness, Contrast, Colors, Brightness Control)                                        |
| Digital Noise Reduction            | Configurable 2DNR / 3DNR                                                                                                                   |
| Backlight Compensation             | On / Off / HSBC                                                                                                                            |
| Mirroring / Pivot                  | Horizontal / Vertical                                                                                                                      |
| Image Stabilizer                   | Yes (DIS)                                                                                                                                  |
| Privacy Masking                    | 8 Zones                                                                                                                                    |
| Intelligent Video                  | Video Motion Detection, Active Tampering Alarm                                                                                             |
| Auto Tracking                      | Yes                                                                                                                                        |
| Video Out                          | 1 Terminal Block                                                                                                                           |
| PAN / TILT / ROTATE                |                                                                                                                                            |
| Pan Range                          | 360° (Endless)                                                                                                                             |
| Pan Speed                          | Pan : 0.02~180°/sec (preset 240°/sec)                                                                                                      |
| Tilt Range                         | 200° (-10~190°)                                                                                                                            |
| Tilt Speed                         | Tilt : 0.02~180°/sec (preset 240°/sec)                                                                                                     |
| Preset                             | 256ea                                                                                                                                      |
| NETWORK                            |                                                                                                                                            |
| Video Compression                  | H.265, H.264 (MP), M-JPEG                                                                                                                  |
| Intelligent Codec                  | Supported                                                                                                                                  |
| Bitrate Control                    | H.264 - CBR / VBR, H.265 - CBR / VBR                                                                                                       |
| Audio Compression                  | -                                                                                                                                          |
| Two-way Audio                      | -                                                                                                                                          |
| IP Camera Protocol                 | DirectIP 2.0, ONVIF Profile S                                                                                                              |
| Max. Frame Rate                    | 30fps : 3840 x 2160 (WDR)                                                                                                                  |
| Supported Resolution               | 3840 x 2160 (8MP), 1920 x 1080, 1280 x 720, 640 x 360                                                                                      |
| Multi-video Streaming              | Quadruple Streaming                                                                                                                        |
| Network Protocols                  | DirectIP 2.0 Protocol, IPv4, IPv6, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SMTP, FEN, mDNS, uPNP, SNMPv2      |
| Security                           | SSL Encryption, Multi-user Authority, IEEE 802.1x<br>IP Filtering, HTTPS                                                                   |
| Remote Access Client               | DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite                                                                        |
| Ethernet                           | RJ45 (10/100/1000BASE-T)                                                                                                                   |
| Recording Session Buffer (NLTsrec) | Yes (Up to 60MB)                                                                                                                           |
| Edge Storage                       | micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)                                                                                       |
| ALARM AND EVENT                    |                                                                                                                                            |
| Trigger Event                      | Motion Detection, Alarm in, Tampering, Trip Zone                                                                                           |
| Event Notification                 | Remote S/W, Email (with Image)                                                                                                             |
| Audio In / Out                     | -                                                                                                                                          |
| Alarm In / Out                     | Input 8ea / Output 2ea                                                                                                                     |
| ENVIRONMENTAL                      |                                                                                                                                            |
| Vandal Proof Casing                | IK10                                                                                                                                       |
| Outdoor Ready                      | IP66, Heater                                                                                                                               |
| Operating Temperature              | -40°C ~ +60°C (-40°F ~ +140°F)<br>*Starting Up at Above -20°C (-4°F)                                                                       |
| Operating Humidity                 | 0% ~ 90%                                                                                                                                   |
| ELECTRICAL                         |                                                                                                                                            |
| Power Source                       | 24VAC, PoE (75W)                                                                                                                           |
| Power Consumption                  | HEATER Off<br>24V~, 2.1A, 38.2W, 50/60Hz<br>High-PoE, 50-57V, 29.7W<br>HEATER On<br>24V~, 3.7A, 68.58W, 50/60Hz<br>High-PoE, 50-57V, 58.6W |
| Approvals                          | FCC, CE(50130-4), KC                                                                                                                       |
| MECHANICAL                         |                                                                                                                                            |
| Dimensions                         | Ø242mm x 401.8mm (Ø9.52" x 15.82")                                                                                                         |
| Weight                             | 7.4kg (16.31 lb)                                                                                                                           |



## DIMENSIONS

(Unit - mm)



## ACCESSORIES (OPTIONAL)

| Ceiling Mount | Ceiling Mount | Wall Mount | Pole Mount | Corner Mount |
|---------------|---------------|------------|------------|--------------|
|               |               |            |            |              |
| DA-CM1300     | DA-CM1500     | DA-WM1400  | DA-LM1100  | DA-RM1100    |

## ACCESSORIES CONFIGURATION TREE

