

## DC-D3233X

- Easy installation with DirectIP NVR
- Full HD (1080p) resolution
- Motorized Vari-focal lens (f=3.3 - 10mm) micro SD/SDHC/SDXC, Smart Failover
- (Up to 128GB)
- Two-way audio
- Alarm In / out
- PoE (IEEE 802.3af Class 2), 12VDC
- Day and night (ICR)
- Supports H.265 / H.264 codec
- True wide dynamic range (WDR)
- Low light enhancer
- 3-axis mechanical design for installation
- Supports ONVIF



### SPECIFICATIONS

| VIDEO                    |  |   |
|--------------------------|--|---|
| Image Sensor             | 1/3" CMOS  |   |
| Max. Resolution          | 1920 x 1080  |   |
| Scanning Mode            | Progressive Scan   |   |
| Lens Type                | Motorized Vari-focal   |   |
| Focal Length             | f=3.3 - 10mm   |   |
| Aperture                 | F=1.3 - 2.5  |   |
| Iris Control             | P-Iris   |   |
| Angular Field of View    | Wide : 93.9° (H), 50° (V), 111° (D)<br>Tele : 31.8° (H), 17.9° (V), 36.5° (D)      |   |
| Pan / Tilt Range         | Pan : -176° ~ 176°, Tilt : 0° ~ 66°, Rotate : -90° ~ 90°                           |   |
| Min. Illumination        | Color : 0.1 Lux @ F1.3<br>B/W : 0.01 Lux @ F1.3                                    |   |
| 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)       | -  |   |
| Image Setting            | Configurable Exposure, White Balance, Sharpness                                    |   |
| Digital Noise Reduction  | Configurable 2DNR / 3DNR   |   |
| Backlight Compensation   | On / Off / HSBC  |   |
| Image Stabilizer         | -  |   |
| De-fog                   | On / Off   |   |
| Privacy Masking          | 8 Zones  |   |
| Intelligent Video        | Video Motion Detection, Active Tampering Alarm, Trip Zone                          |   |
| Video Out                | 1 BNC (Accessory)  |   |
| NETWORK                  |  |   |
|                          | <b>DirectIP Mode</b>   | <b>Compatibility Mode</b>   |
| Video Compression        | H.264 (MP), M-JPEG, H.265  |   |
| Intelligent Codec        | Supported  |   |
| Bitrate Control          | H.264 - CBR / VBR<br>H.265 - CBR / VBR   |   |
| Audio Compression        | ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law   |   |
| Two-way Audio            | Yes  |   |
| IP Camera Protocol       | DirectIP   | IDIS<br>ONVIF Profile S   |
| Max. Frame Rate          | 30ips : 1920 x 1080 (WDR)  | 60ips : 1920 x 1080<br>30ips : 1920 x 1080 (WDR)  |
| Supported Resolution     | 1920 x 1080, 1280 x 720,<br>704 x 480, 640 x 360, 352 x 240                        | 1920 x 1080, 1280 x 720, 704 x 480,<br>640 x 360, 352 x 240   |
| Multi-video Streaming    | Quadruple Streaming  | Quadruple Streaming   |
| Network Protocols        | DirectIP Protocol  | RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP,<br>RTP/UDP, RTSP/TCP, HTTP, HTTPS, FTP,<br>SNTP, SMTP, FEN, mDNS, uPNP |
| Security                 | SSL Encryption   | Multi-user Authority, IEEE 802.1x,<br>IP Filtering, HTTPS, SSL Encryption                               |
| Remote Access Client     | DirectIP NVR Connection  | IDIS Web, IDIS Mobile, IDIS Solution Suite  |
| Ethernet                 | RJ45 (10/100/1000 BASE-T)  |   |
| Recording Session Buffer | Yes (Up to 60MB)   |   |
| Edge Storage             | micro SD/SDHC/SDXC, Smart Failover (Up to 128GB)                                   |   |
| ALARM AND EVENT          |  |   |
| Trigger Event            | Motion Detection, Face Detection, Alarm In, Tampering, Trip Zone                   |   |
| Event Notification       | Remote S/W, Email (With Image)   |   |
| Audio In / Out           | Line-in 1ea / Line-out 1ea   |   |
| Alarm In / Out           | Input 1ea / Output 1ea   |   |
| ENVIRONMENTAL            |  |   |
| Vandal Proof Casing      | -  |   |
| Outdoor Ready            | -  |   |
| Operating Temperature    | -10°C ~ +50°C (+14°F ~ +122°F)<br>*Starting Up at Above 0°C (32°F)                 |   |
| Operating Humidity       | 0% ~ 90%   |   |
| ELECTRICAL               |  |   |
| Power Source             | 12VDC, PoE (IEEE 802.3af Class 2)  |   |
| Power Consumption        | 6.0W   |   |
| Approvals                | FCC, CE, KC  |   |
| MECHANICAL               |  |   |
| Dimensions               | Ø155mm x 111.5mm (Ø6.11" x 4.39")  |   |
| Weight                   | 0.6kg (1.32lb)   |   |

### DIMENSIONS

(Unit - mm)



### ACCESSORIES (OPTIONAL)



### ACCESSORIES CONFIGURATION TREE

