

# DC-D4237RX

## H.265 2MP IR Dome Camera



- Easy installation with DirectIP NVR
- micro SD/SDHC/SDXC
- PoE (IEEE 802.3af Class 3)
- IR LED (30m / 98.4 ft (6ea))
- Full HD (1080p) resolution
- Two-way audio
- Day and night (ICR)
- Supports ONVIF
- Motorized Vari-focal lens (f=2.8 - 12mm)
- Audio in (Built In MIC) / out
- True wide dynamic range (WDR)

### SPECIFICATIONS

| Video                             |                                                                                                                                                   |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                      | 1/2.8" CMOS                                                                                                                                       |
| Max. Resolution                   | 1920 x 1080                                                                                                                                       |
| Scanning Mode                     | Progressive Scan                                                                                                                                  |
| Lens Type                         | Motorized Vari-focal                                                                                                                              |
| Focal Length                      | 2.8 ~ 12mm                                                                                                                                        |
| Aperture                          | F1.4 ~ F2.8                                                                                                                                       |
| Iris Control                      | DC Iris                                                                                                                                           |
| Angular Field of View             | Wide : 98°(H), 51°(V), 116°(D) Tele : 33°(H), 19°(V), 38°(D)                                                                                      |
| Min. Illumination                 | COLOR: 0.1 lux @ F1.4 B/W : 0 lux (IR LED ON)                                                                                                     |
| Dynamic Range                     | 120dB (True WDR)                                                                                                                                  |
| Electronic Shutter Speed          | Auto / Manual (1/30 ~ 1/10,000), Anti-Flicker, Slow Shutter (1/7.5, 1/15)                                                                         |
| Day and Night                     | Yes (ICR)                                                                                                                                         |
| IR Distance (LEDs)                | 30m / 98.4 ft (6ea)                                                                                                                               |
| Image Setting                     | Exposure, White Balance, Self-Adjusting Video Mode (Sharpness, Contrast, Colors, Brightness Control)                                              |
| Backlight Compensation            | BLC                                                                                                                                               |
| Mirroring / Pivot                 | Horizontal / Vertical / Pivot                                                                                                                     |
| De-fog                            | Yes                                                                                                                                               |
| Privacy Masking                   | 8 Zones                                                                                                                                           |
| Intelligent Video                 | Video Motion Detection, Active Tampering Alarm, Trip Zone                                                                                         |
| Pan/Tilt/Rotate                   |                                                                                                                                                   |
| Pan Range                         | -175° ~ 175°                                                                                                                                      |
| Tilt Range                        | 0° ~ 67°                                                                                                                                          |
| Rotate Range                      | -177° ~ 177°                                                                                                                                      |
| Network                           |                                                                                                                                                   |
| Video Compression                 | H.265, H.264 (MP), M-JPEG                                                                                                                         |
| Intelligent Codec                 | Yes                                                                                                                                               |
| Bitrate Control                   | H.265 - CBR/ VBR H.264 - CBR/ VBR                                                                                                                 |
| Audio Compression                 | ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law                                                                                                        |
| Two-way Audio                     | Yes                                                                                                                                               |
| IP Camera Protocol                | DirectIP 2.0, ONVIF Profile S/T                                                                                                                   |
| Max. Frame Rate                   | 30ips : 1920 x 1080 (WDR)                                                                                                                         |
| Supported Resolution              | 1920x1080, 1280x720, 640x360, 352x240                                                                                                             |
| Multi-video Streaming             | Quadruple Streaming                                                                                                                               |
| Network Protocols                 | DirectIP 2.0 Protocol, IPv4, IPv6, RTP/RTSP/TCP/RTMP/RTSP/HTTP/TCP/RTMP/UDP/RTSP/TCP/HTTP/HTTPS/FTP/SNTP/SMTP/FEN mDNS, uPNP, SNMPv2              |
| Security                          | Digest authentication, Password Protection, User access log, IP Filtering, IEEE802.1X/EP-TLS, Chained Fingerprint, SSLEncryption, HTTPSEncryption |
| Ethernet                          | RJ45 (10/100BASE-T)                                                                                                                               |
| Recording Session Buffer (NLTSec) | Yes (Up to 60MB)                                                                                                                                  |
| Edge Storage                      | micro SD/SDHC/SDXC Smart Failover (Up to 512GB)                                                                                                   |
| Alarm and Event                   |                                                                                                                                                   |
| Trigger Event                     | Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone                                                                                 |
| Event Notification                | Remote S/W, Email (with Image)                                                                                                                    |
| Audio Alarm                       | Yes                                                                                                                                               |
| Audio In / Out                    | 1 (Built In MIC)+1 / 1                                                                                                                            |
| Alarm In / Out                    | 1 / 1                                                                                                                                             |
| Environmental                     |                                                                                                                                                   |
| Operating Temperature             | -10°C ~ +50°C (+14°F ~ +122°F) *Starting up at above 0°C (32°F)                                                                                   |
| Operating Humidity                | 0% ~ 90%                                                                                                                                          |
| Electrical                        |                                                                                                                                                   |
| Power Source                      | 12VDC, PoE IEEE802.3af (Class 3)                                                                                                                  |
| Power Consumption                 | 12V~, 0.64A, 7.7W PoE, IEEE802.3af (Class 3), 7.6W                                                                                                |
| Approval                          | FCC, CE, KC                                                                                                                                       |
| Mechanical                        |                                                                                                                                                   |
| Dimensions                        | Ø122 x 103.4mm (Ø4.8" x 4.07")                                                                                                                    |
| Weight                            | 0.37kg (0.82lb)                                                                                                                                   |



### PRODUCT IMAGE



### DIMENSIONS



### ACCESSORIES (OPTIONAL)

| DA-MA4300     | DA-WM2050   | DA-CM2050     | DA-LM2000                           |
|---------------|-------------|---------------|-------------------------------------|
|               |             |               |                                     |
| MOUNT ADAPTER | WALL MOUNT  | CEILING MOUNT | Pole Mount                          |
| DA-RM2000     | DA-FM1500   | DA-WM4200     | DA-FM1600                           |
|               |             |               |                                     |
| Corner Mount  | Flush Mount | Wall mount    | Indoor Dome Flush(In-ceiling) Mount |

# ACCESSORY CONFIGURATION BY INSTALLATION ENVIRONMENT

| PRODUCT    | INSTALLATION ENVIRONMENT | ACCESSORY CONFIGURATION                                                                                                               |
|------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| DC-D4237RX | WALL                     | <div><div>MOUNT ADAPTER</div>Model:DA-MA4300</div>  |
|            |                          | <div>+</div>                                                                                                                          |
|            |                          | <div><div>WALL MOUNT</div>Model:DA-WM2050</div>     |
|            |                          | or                                                                                                                                    |
|            | CELLING                  | <div><div>MOUNT ADAPTER</div>Model: DA-MA4300</div> |
|            |                          | <div>+</div>                                                                                                                          |
|            |                          | <div><div>CEILING MOUNT</div>Model: DA-CM2050</div>  |
|            |                          |                                                                                                                                       |
|            | POLE                     | <div><div>MOUNT ADAPTER</div>Model: DA-MA4300</div> |
|            |                          | <div>+</div>                                                                                                                          |
|            |                          | <div><div>WALL MOUNT</div>Model: DA-WM2050</div>    |
|            |                          | <div>+</div>                                                                                                                          |
|            |                          | <div><div>POLE MOUNT</div>Model: DA-LM2000</div>     |
|            |                          |                                                                                                                                       |
|            | CORNER                   | <div><div>MOUNT ADAPTER</div>Model:DA-MA4300</div>  |
|            |                          | <div>+</div>                                                                                                                          |
|            |                          | <div><div>WALL MOUNT</div>Model:DA-WM2050</div>   |
|            |                          | <div>+</div>                                                                                                                          |
|            | ETC                      | <div><div>CORNER MOUNT</div>Model:DA-RM2000</div> |
|            |                          |                                                                                                                                       |
|            |                          | <div><div>FLUSH MOUNT</div>Model: DA-FM1500</div> |
|            |                          | or                                                                                                                                    |
|            |                          | <div><div>INDOOR DOME</div>Model: DA-FM1600</div> |