

# DC-D4248HRA

## H.265 2M AI Dome Camera (LightMaster NIR)



- Easy installation with DirectIP NVR
  - Audio in / out
  - IK10, IP67
- micro SD/SDHC/SDXC
  - PoE (IEEE 802.3af Class 3)
  - IDIS Deep-Learning Analytics (IDLA)
- Alarm in / out
  - IR LED (50m / 164 ft (6ea))

### SPECIFICATIONS

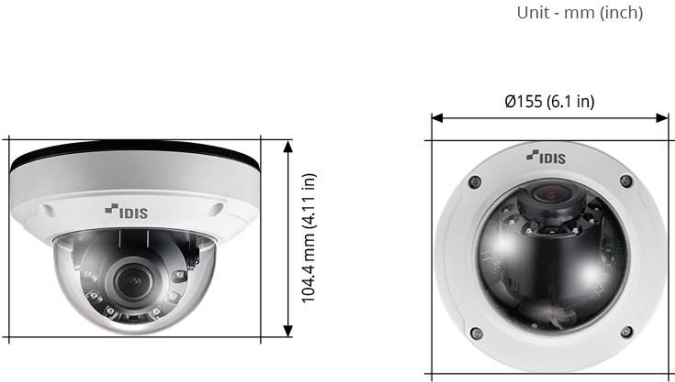
| Video                              |                                                                                                                                                                       |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                       | 1/2.8" CMOS                                                                                                                                                           |
| Max. Resolution                    | 1920 x 1080                                                                                                                                                           |
| Scanning Mode                      | Progressive Scan                                                                                                                                                      |
| Lens Type                          | Motorized Vari-focal                                                                                                                                                  |
| Focal Length                       | 7 ~ 22mm                                                                                                                                                              |
| Aperture                           | F1.4 ~ F2.8                                                                                                                                                           |
| Iris Control                       | DC Iris                                                                                                                                                               |
| Angular Field of View              | Wide : 40.5o(H), 22o(V), 47.3o(D) Tele : 16.8o(H), 9.5o(V), 19.3o(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)                 | 50m / 164 ft (6ea)                                                                                                                                                    |
| Image Setting                      | Exposure, White Balance, Self-Adjusting Video Mode(Sharpness, Contrast, Colors, Brightness Control)                                                                   |
| Mirroring / Pivot                  | Horizontal / Vertical / Pivot                                                                                                                                         |
| De-fog                             | Yes                                                                                                                                                                   |
| Privacy Masking                    | 8 Zones                                                                                                                                                               |
| Intelligent Video                  | Object Metadata: Human, Vehicle, Face IDLA: Object Detection, Intrusion, Loitering, Line Crossing, Face Detection ETC: Video Motion Detection, Active Tampering Alarm |
| Pan/Tilt/Rotate                    |                                                                                                                                                                       |
| Pan Range                          | -175° ~ 175°                                                                                                                                                          |
| Tilt Range                         | 0° ~ 64°                                                                                                                                                              |
| 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                  | Opus, 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                    | 60ips : 1920 x 1080 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, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNMP, SMTP, FEN, mDNS, uPNP, SNMPv2                           |
| Security                           | Digest authentication, Password Protection, User access log, IP Filtering, IEEE802.1x(EAP-TLS), Chained Fingerprint, SSL Encryption, HTTPS Encryption                 |
| Ethernet                           | RJ45 (10/100BASE-T)                                                                                                                                                   |
| Recording Session Buffer (NLTsrec) | 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, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection                                         |
| Event Notification                 | Remote S/W, Email (with Image)                                                                                                                                        |
| Audio Alarm                        | Yes                                                                                                                                                                   |
| Audio In / Out                     | 1 / 1                                                                                                                                                                 |
| Alarm In / Out                     | 1 / 1                                                                                                                                                                 |
| Environmental                      |                                                                                                                                                                       |
| Vandal Proof Casing                | IK10                                                                                                                                                                  |
| Outdoor Ready                      | IP67, Heater                                                                                                                                                          |
| Operating Temperature              | -40°C ~ +60°C (-40°F ~ +140°F) *Starting up at above -20°C (-4°F)                                                                                                     |
| Operating Humidity                 | 0% ~ 90%                                                                                                                                                              |
| Electrical                         |                                                                                                                                                                       |
| Power Source                       | 12VDC, PoE IEEE 802.3af (Class 3)                                                                                                                                     |
| Power Consumption                  | 12V~, 1.1A, 13.2W PoE, IEEE 802.3af (Class 3), 8.3W                                                                                                                   |
| Approval                           | FCC, CE, KC                                                                                                                                                           |
| Mechanical                         |                                                                                                                                                                       |
| Dimensions                         | Ø155 x 104.4mm(Ø6.1" x 4.11")                                                                                                                                         |
| Weight                             | 0.985kg (2.17lb)                                                                                                                                                      |



### PRODUCT IMAGE



### DIMENSIONS



### ACCESSORIES (OPTIONAL)

|               |            |              |             |
|---------------|------------|--------------|-------------|
|               |            |              |             |
| JUNCTION BOX  | DA-MA2100  | WALL MOUNT   | Flush Mount |
|               |            |              |             |
| CEILING MOUNT | Pole Mount | Corner Mount |             |

ACCESSORY CONFIGURATION BY INSTALLATION ENVIRONMENT

| PRODUCT     | INSTALLATION ENVIRONMENT | ACCESSORY CONFIGURATION                                                                                                         |
|-------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| DC-D4248HRA | WALL                     |  <span>JUNCTION BOX</span> Model:DA-JB2200   |
|             |                          | or                                                                                                                              |
|             |                          |  <span>DA-MA2100</span> Model:DA-MA2100      |
|             |                          |  <span>WALL MOUNT</span> Model:DA-WM2050     |
|             | CELLING                  |  <span>DA-MA2100</span> Model: DA-MA2100     |
|             |                          |  <span>CEILING MOUNT</span> Model: DA-CM2050 |
|             | POLE                     |  <span>DA-MA2100</span> Model: DA-MA2100     |
|             |                          |  <span>WALL MOUNT</span> Model: DA-WM2050  |
|             |                          |  <span>POLE MOUNT</span> Model: DA-LM2000  |
|             | CORNER                   |  <span>DA-MA2100</span> Model:DA-MA2100    |
|             |                          |  <span>WALL MOUNT</span> Model:DA-WM2050   |
|             |                          |  <span>CORNER MOUNT</span> Model:DA-RM2000 |
|             | ETC                      |  <span>FLUSH MOUNT</span> Model: DA-FM1500 |

