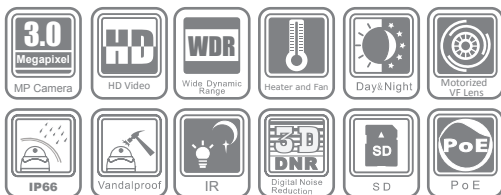


# DS-2CD7254F(WD)-E(I)Z(H)

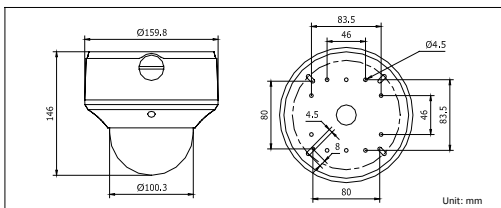
## 3 MP Outdoor Dome Network Camera



### Key features

- 3.0 mega-pixel (2048 x 1536) with Full HD video
- 120dB wide dynamic range (option)
- Super low-light
- Motorized VF lens
- 3D digital noise reduction
- Vandal-proof housing
- IP66 rating
- IR LEDs optional (-I)
- Built-in heater & fan optional (-H)

### Dimensions



|                         | DS-2CD7254FWD-E(I)Z(H) * WDR                                                                                                                 | DS-2CD7254F-E(I)Z(H)                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| Camera                  |                                                                                                                                              |                                                                   |
| Image sensor            | 1/3" progressive scan CMOS                                                                                                                   | 1/2.5" progressive scan CMOS                                      |
| Min. illumination       | 0.1 lux @F1.2, AGC on<br>0.17 lux @F1.6, AGC on<br>0 lux with IR                                                                             | 0.6 lux @F1.2, AGC on<br>1 lux @F1.6, AGC on<br>-I: 0 lux with IR |
| Shutter time            | 1/25s ~ 1/100,000s                                                                                                                           |                                                                   |
| Lens                    | 2.7 ~ 9 mm @F1.6, Angle of view: 101° ~ 30.4°                                                                                                |                                                                   |
| Lens mount              | Φ14                                                                                                                                          |                                                                   |
| Auto iris               | DC drive                                                                                                                                     |                                                                   |
| Angle Adjustment        | Pan: 0 ~ 355°, Tilt: 0 ~ 80°, Rotation: 0 ~ 355°                                                                                             |                                                                   |
| Day & Night             | Electronic ( -I: IR cut filter with auto switch)                                                                                             |                                                                   |
| Wide dynamic range      | 120dB                                                                                                                                        | n/a                                                               |
| Digital noise reduction | 3D DNR                                                                                                                                       | n/a                                                               |
| Compression Standard    |                                                                                                                                              |                                                                   |
| Video compression       | H.264 / MPEG4 / MJPEG                                                                                                                        |                                                                   |
| Bit rate                | 32 Kbps ~ 16 Mbps                                                                                                                            |                                                                   |
| Dual stream             | Yes                                                                                                                                          |                                                                   |
| Image                   |                                                                                                                                              |                                                                   |
| Max. Image Resolution   | 2048 × 1536                                                                                                                                  |                                                                   |
| Frame rate              | 50Hz: 12.5fps (2048 × 1536), 25fps (1920 × 1080), 25fps (1600 × 1200)<br>60Hz: 15fps (2048 × 1536), 30fps (1920 × 1080), 30fps (1600 × 1200) |                                                                   |
| Image settings          | Saturation, Brightness, Contrast adjustable by client software or web browser                                                                |                                                                   |
| Network                 |                                                                                                                                              |                                                                   |
| Network storage         | NAS (iSCSI optional)                                                                                                                         |                                                                   |
| Alarm trigger           | Motion detection, tampering alarm, network disconnect , IP address conflict, storage exception                                               |                                                                   |
| Protocols               | TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos (SIP, SRTP, IPv6 optional)                         |                                                                   |
| Security                | User authentication, watermark                                                                                                               |                                                                   |
| Interface               |                                                                                                                                              |                                                                   |
| Communication interface | 1 RJ45 10 M / 100 M Ethernet interface                                                                                                       |                                                                   |
| Video output            | 1 Vp-p composite output (75 Ω/RCA)                                                                                                           |                                                                   |
| On-board storage        | Built-in Micro SD slot, up to 32 GB                                                                                                          |                                                                   |
| Reset button            | Yes                                                                                                                                          |                                                                   |
| General                 |                                                                                                                                              |                                                                   |
| Operating conditions    | -25 °C ~ 60 °C (-13 °F ~ 140 °F), Humidity 95% or less (non-condensing)<br>-H: -40 °C ~ 60 °C (-40 °F ~ 140 °F) with heater and fan on       |                                                                   |
| Power supply            | 24 VAC ± 10%, PoE (802.3af)<br>-H: 24 VAC ± 10%, High PoE (802.3at)                                                                          |                                                                   |
| Power consumption       | max. 9W<br>-I: max. 12W<br>-H: max. 24W with heater & fan on                                                                                 |                                                                   |
| Impact protection       | IEC60068-2-75Eh, 50J; EN50102, up to IK10                                                                                                    |                                                                   |
| Weather proof rating    | IP66                                                                                                                                         |                                                                   |
| IR range                | approx. 20 ~ 30m                                                                                                                             |                                                                   |
| Dimensions              | Φ159.8 × 146 mm (Φ6.29" × 5.75")                                                                                                             |                                                                   |
| Weight                  | 2100 g (4.62 lbs)                                                                                                                            |                                                                   |

### Available models

DS-2CD7254FWD-EZ, DS-2CD7254FWD-EIZ, DS-2CD7254FWD-EZH, DS-2CD7254FWD-EIZH  
DS-2CD7254F-EZ, DS-2CD7254F-EIZ, DS-2CD7254F-EZH, DS-2CD7254F-EIZH

\* -H: built-in heater and fan

\* -I: IR LEDs, up to 30m

\* -Z: motorized VF lens

\* Product picture and technical specs subject to change without previous notice.  
For product availability, please contact our local sales representatives.