

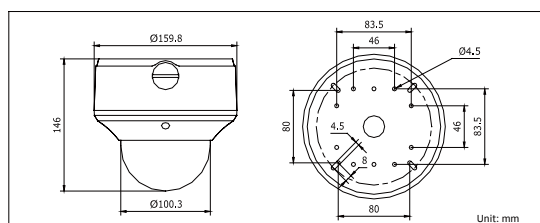
# DS-2CD7293P(N)F-E(I)Z(H) 4CIF Outdoor Network Camera



## Key features

- 4CIF real-time recording
- Motorized V/F lens
- Day / night auto switch
- Low illumination
- Vandal-proof housing
- IP66 rating
- IR LEDs optional (-I)
- Built-in heater & fan optional (-H)

## Dimensions



## Specifications

| DS-2CD7293PF(NF)-E(I)Z(H)   |                                                                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Camera</b>               |                                                                                                                                       |
| Image sensor                | 1/3" Sony CCD                                                                                                                         |
| Signal system               | PAL / NTSC                                                                                                                            |
| Min. illumination           | 0.02 lux @F1.2, AGC ON, -I: 0 lux with IR                                                                                             |
| Shutter time                | 1/25 (1/30)s ~ 1/100,000s                                                                                                             |
| Lens                        | 2.8 ~ 12mm @F1.2, Angle of view: 98° ~ 27°                                                                                            |
| 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)                                                                                       |
| <b>Compression Standard</b> |                                                                                                                                       |
| Video compression           | H.264 / MPEG4 / MJPEG                                                                                                                 |
| Bit rate                    | 32 Kbps ~ 16 Mbps                                                                                                                     |
| Dual stream                 | Yes                                                                                                                                   |
| <b>Image</b>                |                                                                                                                                       |
| Max. Resolution             | PAL: 704 x 576<br>NTSC: 704 x 480                                                                                                     |
| Frame rate                  | 50Hz: 25fps (704 × 576)<br>60Hz: 30fps (704 × 480)                                                                                    |
| Image settings              | Saturation, Brightness, Contrast adjustable by client software or web browser                                                         |
| <b>Network</b>              |                                                                                                                                       |
| 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                                                                                                        |
| <b>Interface</b>            |                                                                                                                                       |
| 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 card slot, up to 32 GB                                                                                              |
| Reset button                | Yes                                                                                                                                   |
| <b>General</b>              |                                                                                                                                       |
| Operating conditions        | -10 °C ~ 60 °C (14 °F ~ 140 °F), humidity 90% 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. 9 W, -I: max.12 W, -H: max. 24 W with heater & fan on                                                                            |
| Impact protection           | IEC60068-2-75Eh, 50J; EN50102, up to IK10                                                                                             |
| Ingress protection level    | IP66                                                                                                                                  |
| IR range                    | -I: approx. 20 ~ 30m (65.6 ~ 98.4ft)                                                                                                  |
| Dimensions                  | Φ159.8 × 146 mm (Φ6.29" × 5.75")                                                                                                      |
| Weight                      | 2100 g (4.62 lbs)                                                                                                                     |

## Available models

DS-2CD7293PF-EZ, DS-2CD7293PF-EIZ, DS-2CD7293PF-EZH, DS-2CD7293PF-EIZH  
DS-2CD7293NF-EZ, DS-2CD7293NF-EIZ, DS-2CD7293NF-EZH, DS-2CD7293NF-EIZH

- \* -H: built-in heater and fan
- \* -Z: motorized VF lens
- \* -I: IR LEDs, up to 30m

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