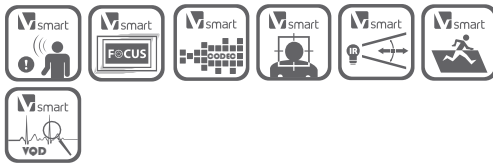


# DP-22CD4224F-IS

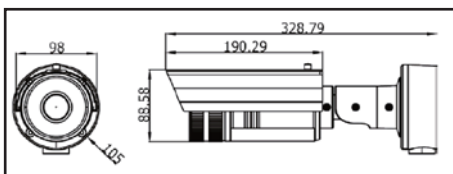
## 2MP Full HD IR Bullet Network Camera



### Key features

- Up to 1920 x 1080 high resolution
- Full HD1080p video
- Smart Codec
- DWDR, 3D DNR
- Triple streams
- On-board storage, up to 64GB
- Smart Focus: Motorized VF lens (-Z)
- Smart VQD
- Smart Facial Detection
- Intrusion Detection
- Built-in heater
- Defog
- 8~32mm Motorized VF lens optional

### Dimensions



\* -S: 1-ch audio I/O, 1-ch alarm I/O, 1-ch RS-485 interface

| DP-22CD4224F-IS             |  |
|-----------------------------|--|
| <b>Camera</b>               |  |
| Image sensor                | 1/2.8" progressive scan CMOS   |
| Min. illumination           | 0.01 lux@F1.2, AGC on, 0.014 lux@F1.4, AGC on, 0 lux with IR   |
| Shutter time                | 1s ~ 1/100,000s  |
| Slow shutter                | Yes  |
| Lens                        | 2.8 ~ 12mm @F1.4, angle of view: 113° ~ 33.8° (-Z: motorized VF lens)<br>8mm-32mm @ F1.4 lens (optional), angle of view: 31.2°~10.2°   |
| Lens mount                  | Φ14  |
| Auto iris                   | DC drive   |
| Day & night                 | ICR (Auto/Schedule/Alarm Trigger)  |
| Digital noise reduction     | 3D DNR   |
| Wide dynamic range          | DWDR   |
| <b>Compression standard</b> |  |
| Video compression           | H.264 / MPEG4 / MJPEG  |
| H.264 codec profile         | Baseline profile / main profile / high profile   |
| Video bit rate              | 32 Kbps ~ 16 Mbps  |
| Audio compression           | G.711/G.722.1/G.726/MP2L2  |
| Audio bit rate              | 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) *only for -S model   |
| <b>Image</b>                |  |
| Max. resolution             | 1920 × 1080  |
| Frame rate                  | 50 Hz: 25fps (1920 x 1080), 25fps (1280 x 960), 25fps (1280 x 720)<br>60 Hz: 30fps (1920 x 1080), 30fps (1280 x 960), 30fps (1280 x 720)   |
| 3rd stream                  | Independent setting, up to:<br>50Hz: 25fps (1920 x 1080), 60Hz: 30fps (1920 x 1080)  |
| Image settings              | Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser   |
| BLC                         | Yes, zone configurable   |
| HLC                         | Yes  |
| Defog                       | Yes  |
| EIS                         | Yes  |
| Picture overlay             | 128 x 128, BMP 24bit, zone configurable  |
| ROI                         | Support  |
| <b>Network</b>              |  |
| Network storage             | NAS  |
| Alarm trigger               | Intrusion detection, Defocus detection, Motion detection, Face detection, line crossing detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception |
| Protocols                   | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP optional)  |
| Security                    | User authentication, watermark, IP address filtering, anonymous access, reset  |
| System compatibility        | ONVIF, PSIA, CGI   |
| <b>Interface</b>            |  |
| Communication interface     | 1 RJ45 10M / 100M ethernet port  |
| On-board storage            | Built-in Micro SD/SDHC/SDXC slot, up to 64 GB  |
| Reset button                | Yes  |
| <b>General</b>              |  |
| Operating conditions        | -30°C ~ 60°C (-22°F ~ 140°F), humidity 95% or less (non-condensing)<br>-H: -40°C ~ 60°C (-40°F ~ 140°F), with smart heater on  |
| Power supply                | 12 VDC ± 10%, PoE (802.3af)  |
| Power consumption           | Max. 11W<br>-Z/-H: Max. 12W  |
| IR range                    | Up to 30m<br>Up to 80m with 8~32mm VF lens   |
| Ingress protection          | IP66   |
| Dimensions                  | 98 x 105 × 328.8 mm  |
| Weight                      | 2000g  |