

## DS-2CD2T42WD-I3/I5/I8



### Key Features

- Up to 4 megapixel (2688×1520) resolution
- Standard video compression with high compression ratio, ROI (region of interest) encoding
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- EXIR technology, up to 30/50/80 meters IR range
- IR cut filter with auto switch
- PoE (Power over Ethernet)
- 3D DNR
- 120dB wide dynamic range
- Ingress Protection level: IP66
- Auto-iris, electronic shutter for different surveillance environments
- Support VCA, which is compatible with NVR for the second time of video searching and analysing
- Other functions: reset, heartbeat, mirror, etc.
- 3-axis adjustment

### Specification

| Model             | DS-2CD2T42WD-I3/I5/I8   |
|-------------------|---|
| Parameter         | 4 Megapixel EXIR Bullet Network Camera  |
| Camera            |   |
| Image Sensor      | 1/3" Progressive Scan CMOS  |
| Min. Illumination | 0.01 Lux @(F1.2,AGC ON), 0 Lux with IR<br>0.014 Lux @(F1.4,AGC ON), 0 Lux with IR |
| Shutter Speed     | 1/3 s to 1/10,000 s   |
| Lens              | (-I3: 4,6mm;<br>-I5: 4,6,12mm;<br>-I8: 6,12,16mm) @F1.4                           |
| Lens Mount        | M12   |
| Day & Night       | IR cut filter with auto switch  |
| Digital Noise     | 3D DNR  |

|                             |  |
|-----------------------------|--|
| Reduction                   |  |
| Wide Dynamic Range          | 120dB  |
| <b>Compression Standard</b> |  |
| Video Compression           | H.264/ MJPEG   |
| H.264 Compression Type      | Main Profile   |
| Video Bit Rate              | 256 Kbps – 16 Mbps   |
| Dual Stream                 | Yes  |
| <b>Image</b>                |  |
| Max. Resolution             | 2688×1520  |
| Frame Rate                  | 50Hz: 20fps (2688×1520), 25fps(1920×1080), 25fps(1280×720)<br>60Hz: 20fps (2688×1520), 30fps (1920×1080), 30fps(1280×720)                                      |
| Image Settings              | Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser   |
| Backlight compensation      | Yes, zone optional   |
| ROI                         | Support  |
| <b>Network</b>              |  |
| Network Storage             | NAS (Support NFS,SMB/CIFS)   |
| Alarm Trigger               | Intrusion Detection, Line Crossing detection, Motion 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  |
| Security                    | Flash-prevention, dual stream, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access                         |
| Standard                    | ONVIF, PSIA, CGI, ISAPI  |
| <b>Interface</b>            |  |
| Communication Interface     | 1 RJ45 10M/100M Ethernet interface   |
| <b>General</b>              |  |
| Operating Conditions        | -30 °C – 60 °C (-22 °F – 140 °F)<br>Humidity 95% or less (non-condensing)  |
| Power Supply                | 12 V DC ± 10%<br>PoE (802.3af)   |
| Power Consumption           | I3: Max. 6W<br>I5: Max. 7.5W<br>I8: Max. 10.5W   |
| Ingress Protection level    | IP66   |

|                |   |
|----------------|---|
| IR Range       | I3: 30 meters<br>I5: 50 meters<br>I8: 80 meters |
| Dimensions(mm) | 299.71 × 86.48 × 85.11(11.8" × 3.4" × 3.35")    |
| Weight         | 1200g   |

## Order Models

DS-2CD2T42WD-I3, DS-2CD2T42WD-I5, DS-2CD2T42WD-I8

## Dimensions

