

HIKVISION®

DS-2CD2T83G0-I5/I8

8 MP IR Fixed Bullet Network Camera



Key Features

- 1/2.5" Progressive Scan CMOS
- 3840 × 2160 @15 fps
- 2.8/4/6/8 mm fixed lens
- Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR
- H.265+, H.265, H.264+, H.264
- 2 Behavior analyses
- 120dB WDR
- BLC/3D DNR/ROI/HLC
- IP67
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB



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www.hikvision.com

Specifications

| Camera | |
|-----------------------------|--|
| Image Sensor | 1/2.5" Progressive Scan CMOS |
| Min. Illumination | Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Slow Shutter | Yes |
| Auto-Iris | No |
| Day & Night | IR Cut Filter |
| Digital Noise Reduction | 3D DNR |
| WDR | 120dB |
| 3-Axis Adjustment | Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360° |
| Lens | |
| Focal Length | 2.8/4/6/8 mm |
| Aperture | F2.0 |
| Focus | Fixed |
| FOV | 2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59° 8 mm, horizontal FOV: 40°, vertical FOV: 25°, diagonal FOV: 53° |
| Lens Mount | M12 |
| IR | |
| IR Range | I5: up to 50 m I8: up to 80 m |
| Wavelength | 850nm |
| Compression Standard | |
| Video Compression | Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264 |
| H.264 Type | Main Profile/High Profile |
| H.264+ | Main stream supports |
| H.265 Type | Main Profile |
| H.265+ | Main stream supports |
| Video Bit Rate | 256 Kbps to 16 Mbps |
| Smart Feature-set | |
| Behavior Analysis | Line crossing detection, intrusion detection |
| Face Detection | Yes |
| Region of Interest | Support 1 fixed region for main stream and sub-stream |
| Image | |
| Max. Resolution | 3840 × 2160 |
| Main Stream | 50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720) |
| Sub-Stream | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) |
| Third Stream | 50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240) |



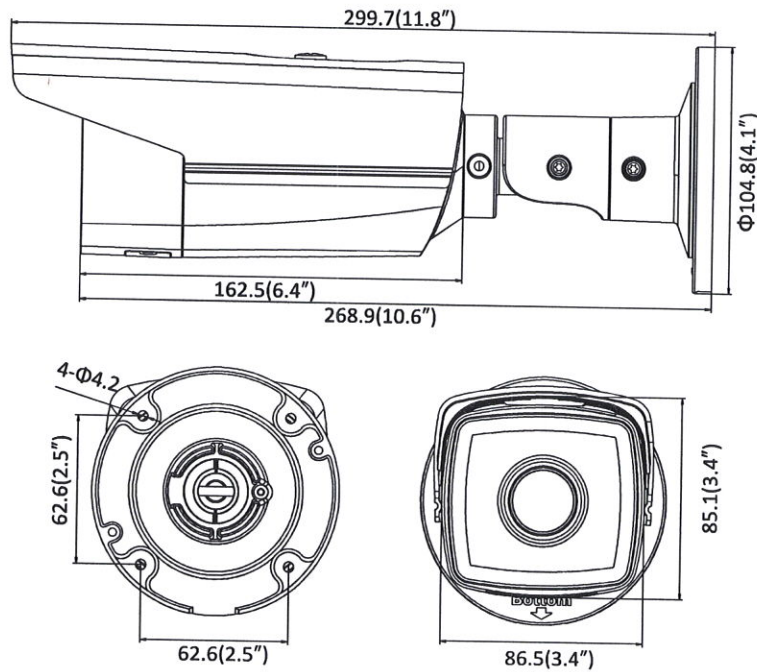
| | |
|-------------------------------|--|
| Image Enhancement | BLC/3D DNR/HLC |
| Image Settings | Saturation, brightness, contrast, sharpness adjustable by client software or web browser |
| Target Cropping | No |
| Day/Night Switch | Day/Night/Auto/Schedule |
| Network | |
| Network Storage | Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR |
| Alarm Trigger | Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour |
| General Function | One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter |
| Firmware Version | V5.5.52 |
| API | ONVIF (PROFILE S, PROFILE G), ISAPI |
| Simultaneous Live View | Up to 6 channels |
| User/Host | Up to 32 users 3 levels: Administrator, Operator and User |
| Client | iVMS-4200, Hik-Connect, iVMS-5200, iVMS-4500 |
| Web Browser | IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+ |
| Interface | |
| Video Output | No |
| Communication Interface | 1 RJ45 10M/100M self-adaptive Ethernet port |
| On-board Storage | Built-in microSD/SDHC/SDXC slot, up to 128 GB |
| SVC | H.264 and H.265 encoding support |
| Reset Button | Yes |
| General | |
| Operating Conditions | -30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 25%, Φ 5.5mm coaxial power plug PoE(802.3af, class 3) |
| Power Consumption and Current | I5: 12 VDC, 0.7 A, max. 7.5W PoE: (802.3af, 36V to 57V), 0.3 A to 0.2 A, max. 9W I8: 12 VDC, 0.9 A, max. 11W PoE: (802.3af, 36V to 57V), 0.4 A to 0.2 A, max. 12.9W |
| Protection Level | IP67 |
| Material | Metal |
| Dimensions | Camera: Φ 104.8 × 299.7 mm (Φ 4.1" × 11.8") Package: 386 × 156 × 155 mm (15.2" × 6.1" × 6.1") |
| Weight | Camera: 1200 g (2.7 lb.) |

Available Models:

DS-2CD2T83G0-I5(2.8/4/6/8 mm), DS-2CD2T83G0-I8(2.8/4/6/8 mm)



Dimensions



Unit: mm

Accessories



DS-1260ZJ

Junction Box

Distributed by



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VERIFICATION OF COMPLIANCE *Page: 1 of 2*

Verification No.: SHEM180600477101ITC
Applicant: Hangzhou Hikvision Digital Technology Co., Ltd
Address of Applicant: No.555 Qianmo Road, Binjiang District, Hangzhou 310052, China
Product Description: NETWORK CAMERA
Model No.: Refer to Page 2
Sufficient samples of the product have been tested and found to be in conformity with
Test Standards: EN 55032:2015, EN 61000-3-2:2014
EN 61000-3-3:2013, EN 50130-4:2011 +A1:2014
As shown in the
Test Report Number(s): SHEM180600477101

This verification of EMC Compliance has been granted to the applicant based on the results of the tests, performed by laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on the sample of the above-mentioned product in accordance with the provisions of the relevant specific standards under Directive 2014/30/EU. The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EU Declaration of Conformity and compliance with all relevant EU Directives.



Parlam Zhan
E&E Section Manager



Date: 2018-09-25

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VERIFICATION OF COMPLIANCE

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Attachment to Verification No.: SHEM180600477101ITC

DS-2CD2T83G0-I8, DS-2CD2T63G0-I8, DS-2CD3T23G0-4I, DS-2CD3T43G0-4I, DS-2CD3T63G0-4I, DS-2CD3T83G0-4I, DS-2CD3T23G0-2I, DS-2CD3T43G0-2I, DS-2CD3T63G0-2I, DS-2CD3T83G0-2I, DS-2CD3T23G0-4IHK, DS-2CD3T23G0-4ICKV, DS-2CD3T23G0-4IUVS, DS-2CD3T23G0-4IKVO, DS-2CD3T23G0-4IHUN, DS-2CD3T43G0-4IHK, DS-2CD3T43G0-4ICKV, DS-2CD3T43G0-4IUVS, DS-2CD3T43G0-4IKVO, DS-2CD3T43G0-4IHUN, DS-2CD3T63G0-4IHK, DS-2CD3T63G0-4ICKV, DS-2CD3T63G0-4IUVS, DS-2CD3T63G0-4IKVO, DS-2CD3T63G0-4IHUN, DS-2CD3T83G0-4IHK, DS-2CD3T83G0-4ICKV, DS-2CD3T83G0-4IUVS, DS-2CD3T83G0-4IKVO, DS-2CD3T83G0-4IHUN, DS-2CD2T23G0-I8, DS-2CD2T43G0-I8, DS-2CD2T23G0-I5, DS-2CD2T43G0-I5, DS-2CD2T63G0-I5, DS-2CD2T83G0-I5, DS-2CD2T23G0-I8UHK, DS-2CD2T23G0-I8CKV, DS-2CD2T23G0-I8UVS, DS-2CD2T23G0-I8KVO, DS-2CD2T23G0-I8HUN, DS-2CD2T43G0-I8UHK, DS-2CD2T43G0-I8CKV, DS-2CD2T43G0-I8UVS, DS-2CD2T43G0-I8KVO, DS-2CD2T43G0-I8HUN, DS-2CD2T63G0-I8UHK, DS-2CD2T63G0-I8CKV, DS-2CD2T63G0-I8UVS, DS-2CD2T63G0-I8KVO, DS-2CD2T63G0-I8HUN, DS-2CD2T83G0-I8UHK, DS-2CD2T83G0-I8CKV, DS-2CD2T83G0-I8UVS, DS-2CD2T83G0-I8KVO, DS-2CD2T83G0-I8HUN

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Parlam Zhan
E&E Section Manager



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