

# DS-2CD2T83G0-I8

Model	DS-2CD2T83G0-I8
Brend	Hikvision
Növ	IP
Meqapixel	8 MP
İşıqlandırma məsafəsi	80 m
Obyektiv	Sabit
Fokus	4
İşıqlandırma	İR
Qoruma	IP67
Material	Metal



## Specification

### Camera

Matrix	1/2.5" Progressive Scan CMOS
Electronic shutter speed	Color: 0.01lux@(F1.2,AGC on), B/W: 0.028lux@(F2.0,AGC on), 0lux with IR
Electronic shutter	1/3s ~ 1/100,000s, support slow shutter
Lens	2.8mm, 8mm @F2.0
Viewing angle	2.8mm: horizontal: 102°, vertical: 53°, diagonal: 124° 8mm: horizontal: 40°, vertical: 25°, diagonal: 53°
Focusing	Fixed
Day/night mode	Mechanical IR filter
Adjusting the installation angle	Rotation: 0° - 360°; Tilt: 0° - 100°; Rotation: 0° - 360°

### Compression

Video compression	Main Stream: H.265/H.264 Sub Stream: H.265/H.264/MJPEG Third Stream: H.265/H.264
H.264 profile	Main Profile/High Profile
H.265 profile	Main Profile
Video bitrate	256 kb/s – 16 Mb/s

### Image

Maximum resolution	3840×2160
Main thread	50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30fps (2560×1440, 1920×1080, 1280×720)

<b>Additional stream</b>	50Hz: 25fps (640×480, 640×360, 320×240) 60Hz: 30fps (640×480, 640×360, 320×240)
<b>Third stream</b>	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)
<b>Framing the target</b>	No
<b>Image Settings</b>	Saturation, brightness, contrast, sharpness, mirroring and privacy mask are adjustable via client software or web browser
<b>Image enhancement</b>	120dB WDR, 3D DNR, BLC, ROI
<b>Day/night switching</b>	Auto/schedule/alarm
<b>Note:</b>	When the main stream resolution is 2944 × 1656 and higher, the maximum frame rate for all streams is 20fps

## Smart video analytics

<b>Behavior Analysis</b>	Line crossing, intrusion detection
<b>Face detection</b>	Eat
<b>Surveillance area</b>	Support 1 fixed zone for main and sub stream

## Net

<b>Network storage</b>	NAS (NFS,SMB/CIFS support), ANR
<b>Protocols</b>	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
<b>Safety</b>	User authentication, watermarking, IP address filtering, anonymous access
<b>Compatibility</b>	ONVIF(PROFILE S,PROFILE G), ISAPI
<b>Alarm Triggered</b>	Smart Features, Network Disconnection, IP Address Conflict, Storage Errors
<b>Alarm Actions</b>	Notifying the client, sending email, uploading to FTP, activating the recording channel
<b>Client</b>	iVMS-4200, Hik-Connect, iVMS-5200, iVMS-4500
<b>Web browser</b>	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+

## Interfaces

<b>Network interface</b>	1 RJ45 10M/100M self-configuring Ethernet port
<b>Video output</b>	No
<b>S.V.C.</b>	Support H.264 and H.265 decoding
<b>Local storage</b>	Slot for microSD/SDHC/SDXC up to 128GB
<b>Reset button</b>	Eat

## Basics

<b>Nutrition</b>	DC12V±25%/coaxial power supply Φ 5.5mm PoE(802.3af, class 3)
<b>Power consumption</b>	12V, 0.7A, max. 7.5W PoE (802.3af, 36V to 57V), 0.3A to 0.2A max. 9W
<b>Working conditions</b>	-40 °C...+60 °C, humidity 95% or less (non-condensing)
<b>Protection</b>	IP67
<b>IR illumination range</b>	Up to 80m
<b>Housing material</b>	Metal
<b>Dimensions</b>	Camera: Φ 104.8 × 299. mm Box: 386 × 156 × 155 mm
<b>Gross weight</b>	1.2kg