

# DS-2CD2T83G0-I8

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



## 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)
Additional 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)
Framing the target	No
Image Settings	Saturation, brightness, contrast, sharpness, mirroring and privacy mask are adjustable via client software or web browser

Image enhancement	120dB WDR, 3D DNR, BLC, ROI
Day/night switching	Auto/schedule/alarm
Note:	When the main stream resolution is 2944 × 1656 and higher, the maximum frame rate for all streams is 20fps

## Smart video analytics

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

## Net

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

## Interfaces

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

## Basics

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