



- › 1/3" progressive scan CMOS
- › 2560 × 1440@25fps
- › 2.8 mm/4 mm/6 mm fixed lens
- › H.265+, H.265, H.264+, H.264

› Dual stream

› 120 dBWDR (Wide Dynamic Range)

› 3D DNR (Digital Noise Reduction)

› Up to 40m IR range

› PoE (Power over Ethernet)

› IP67

Specification

Camera	
Image Sensor	1/3" progressive scan CMOS
Min. Illumination	Color: 0.01Lux@(F1.2,AGC ON),0.028Lux @ (F2.0, AGC ON)
Shutter Speed	1/3s to 1/100,000 s
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR cut filter
Digital Noise Reduction	3D DNR
WDR	120 dB

Camera	
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°
Lens	
Focal Length	2.8 mm, 4 mm, 6 mm
Aperture	F2.0
Focus	No
FOV	2.8 mm, horizontal FOV 100°, vertical FOV 55°, diagonal FOV : 4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 88° 6 mm, horizontal FOV 51°, vertical FOV 28°, diagonal FOV 58
Lens Mount	M12
IR	
IR Range	Up to 40m
Wavelength	850nm
Compression Standard	
Video Compression	Main stream:H.265/H.264 Sub stream:H.265/H.264/MJPEG
H.264 Type	BaselineProfile/Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32Kbps to 8Mbps
Smart Feature-set	

Camera	
Region of Interest	1 fixed region for main stream and sub-stream
Image	
Max. Resolution	2560×1440
Main Stream Max. Frame Rate	50Hz: 25fps(2560 × 1440, 2304×1296, 1920 × 1080, 1280 × 720) 60Hz: 25fps (2560 × 1440), 30fps (2304×1296, 1920 × 1080, 1280 × 720)
Sub-stream Max. Frame Rate	50Hz: 25fps (640×480, 640×360, 320×240) 60Hz: 30fps (640×480, 640×360,320×240)
Image Enhancement	BLC, 3D DNR
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, scheduled
Network	
Network Storage	NAS (NFS,SMB/CIFS)
Alarm Trigger	Motion detection, video tampering alarm, illegal login
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RPPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6UDP, Bonjour
General Function	Anti-flicker,heartbeat, mirror, password protection, privacy mask,watermark,IP address filter
Firmware Version	5.5.3

Camera	
API	ONVIF(PROFILE S,PROFILE G),ISAPI
Simultaneous Live View	Up to 6channels
User/Host	Up to 32 users 3 levels:Administrator, Operator,and User
Client	iVMS-4200,Hik-Connect,iVMS-5200
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
General	
Operating Conditions	-30°C to50°C (-22°F to122°F), humidity:95% or less (non-condensing)
Power Supply	12 VDC± 25%, 5.5 mmcoaxial power plug PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.4 A, Max: 5W PoE: (802.3af, 36V to 57V), 0.2 A to 0.13 A, Max: 7W
Ingress Protection	IP67 TVS 2000V lightning protection, surge protection and voltage transient protection
Material	Full Metal
Dimensions	Camera: Ø70 mm× 172.7mm(2.7"×6.8") With package: 216mm× 121mm× 118 mm(8.5"× 4.8" × 4.6")
Weight	Camera: approx. 280 g (0.62lb.) With package: approx: 530 g (1.17lb.)

Available Models

DS-2CD2T40-I4(2.8/4/6 mm)

Dimensions



