DS-2CD6D54G1-ZS/RC
Quad-Directional Varifocal PanoVu Camera

114-207B

- 4 adjustable lenses in one camera cover up to 360° field of view, ensuring no blind area monitoring and the monitoring tilt angle can be adjusted
- Each lens up to 5 MP, capturing clear images, and more details can be displayed on video wall
- In-ceiling mounting makes the camera unnoticeable and user friendly
- Clear imaging against strong back light due to 120 dB true WDR technology
- Water and dust resistant (IP67) and vandal proof (IK10)
- 3D DNR technology delivers clean and sharp images
- Audio and alarm interface available

▪ **DORI**

The DORI (detect, observe, recognize, identify) distance gives the general idea of the camera ability to distinguish persons or objects within its field of view. It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

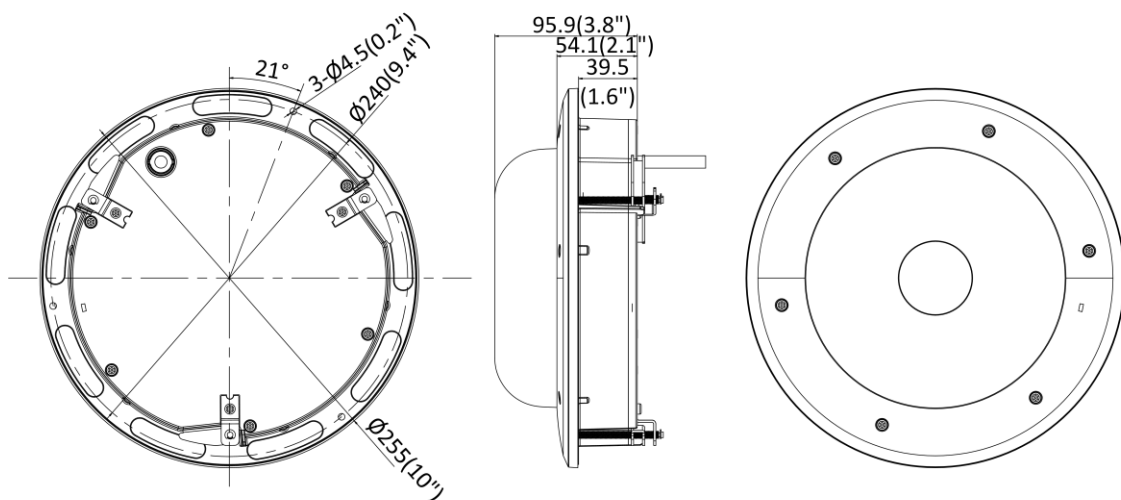| DORI	Detect	Observe	Recognize	Identify
Distance (Wide)	60 m	23 m	12 m	6 m
Distance (Tele)	120 m	47 m	24 m	12 m

Specification

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	Color: 0.0125 Lux @(F1.9, AGC ON) B/W: 0.0025 Lux @(F1.9, AGC ON)
Shutter Speed	1 s to 1/100,000 s
Slow Shutter	Yes
Day &Night	IR cut filter
Angle Adjustment	Pan: -60° to 60°, tilt: 10° to 90°, rotate: 0° to 350°
WDR	120 dB
Lens	
Aperture	F1.9
Focus	Manual, semi-auto
FOV	Horizontal FOV 100° to 49°, vertical FOV 72° to 36.4°, diagonal FOV 134.4° to 61.4°
Lens Mount	Ø14
Lens Type	Varifocal lens, 2.8 to 8 mm
Video	
Max. Resolution	2560 × 1920
Video Stream	3 defined streams
Main Stream	50 Hz: 25 fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 24 fps (704 × 480, 640 × 480)
Third Stream	50 Hz: 6 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 8 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Video Bit Rate	32 Kbps to 16 Mbps
SVC	H.264 encoding
H.264+	Main stream support
H.265+	Main stream support
Audio	
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/32Kbps(PCM)
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Smart Feature-Set	
Smart Event	Line crossing detection, up to 4 lines configurable Intrusion detection, up to 4 regions configurable Region entrance detection, up to 4 regions configurable Region exiting detection, up to 4 regions configurable Unattended baggage detection, up to 4 regions configurable Object removal detection, up to 4 regions configurable Scene change detection, audio exception detection, defocus detection
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Region of Interest	4 fixed regions and dynamic face tracking for each stream

Linkage Method	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture
Image	
Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser
Target Cropping	Yes
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24 bit bmp format
SNR	≥52 dB
Network	
Network Storage	microSD/SDHC/SDXC card (128 GB), local storage and NAS (NFS,SMB/CIFS), ANR
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, Ehome
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	IE8+, Chrome41.0-44, Firefox30.0-51, Safari8.0-11
Interface	
Communication Interface	1 RJ45 10M/100M/1000M Ethernet port built-in RS-232 1 RS-485 interface (half duplex, HIKVISION, Pelco-P, Pelco-D, self- adaptive)
Audio	1 input (line in), 1 output (line out), 3.5 mm three-contact
Alarm	2 inputs, 2 outputs (max. 24 VDC, 1A)
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Approval	
EMC	47 CFR Part 15, Subpart B; EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014; AS/NZS CISPR 32: 2015; ICES-003: Issue 6, 2016; KN 32: 2015, KN 35: 2015
Safety	UL 60950-1, IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IS 13252(Part 1):2010+A1:2013+A2:2015
Chemistry	2011/65/EU, 2012/19/EU, Regulation (EC) No 1907/2006
Protection	IK10 (IEC 62262:2002), IP67 (IEC 60529-2013)
General	
Firmware Version	V5.5.32
Web Client Language	32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)
General Function	Anti- flicker, 3 streams, heartbeat, mirror, privacy masks
Reset	Reset via reset button on camera body, web browser and client software
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing)

Power Supply	12 VDC ± 20%, reverse polarity protection; three-core terminal block
	24 VAC ± 20%;
	PoE (802.3af, class 0)
Power Consumption and Current	12 VDC, 1.2 A, 14 W
	24 VAC, 1 A, 14 W
	PoE (802.3af, 36 to 57 VDC), 0.36 A to 0.22 A, 13 W, class 0
Material	Bubble: plastic, camera: metal
Dimensions	Camera: Ø255 × 95.9 mm (10" × 3.8")
	With package: 312 × 311 × 163 mm (13.2" × 10.3" × 11.5")
Weight	Camera: 2.1 kg (4.7 lb.)
	With package: 3.4 kg (7.5 lb.)

The VCA function can be enabled for any channel separately, or for both Camera 01 and Camera 03, or Camera 02 and Camera 04.

▪ **Dimension**

Unit: mm(inch)

ORDERING INFORMATION

114-207B   Hikvision DS-2CD6D54G1-ZS/RC Multi-Lens PanoVu