

## DS-2CD2T27G1-L

### 2 MP ColorVu Fixed Bullet Outdoor Network Camera



- 24/7 Full Time Color
- Maximum 1920 × 1080 @ 30 fps
- 4 mm/6 mm Fixed Lens
- H.265+, H.264+
- 120 dB True WDR
- 0.0035 Lux @ (f/1.0, AGC On), 0 Lux with Light
- 12 VDC and PoE (802.3af, Class 3)
- Built-in MicroSD/SDHC/SDXC Slot, up to 128 GB
- IP67
- BLC/3D DNR/HLC/ROI

Hikvision's DS-2CD2T27G1-L ColorVu Fixed Bullet Outdoor Network Camera features an  $f/1.0$  lens aperture for maximum light gathering capability to provide full color imaging in extremely dark settings. The camera also contains a powerful auxiliary white light source to enhance colors and illuminate the scene when it approaches total darkness or on a defined schedule.

True 120 dB WDR ensures high quality images under demanding light conditions, and H.265+ and H.264+ video compression saves bandwidth and storage space.

#### Available Models:

DS-2CD2T27G1-L: 4 mm

DS-2CD2T27G1-L: 6 mm

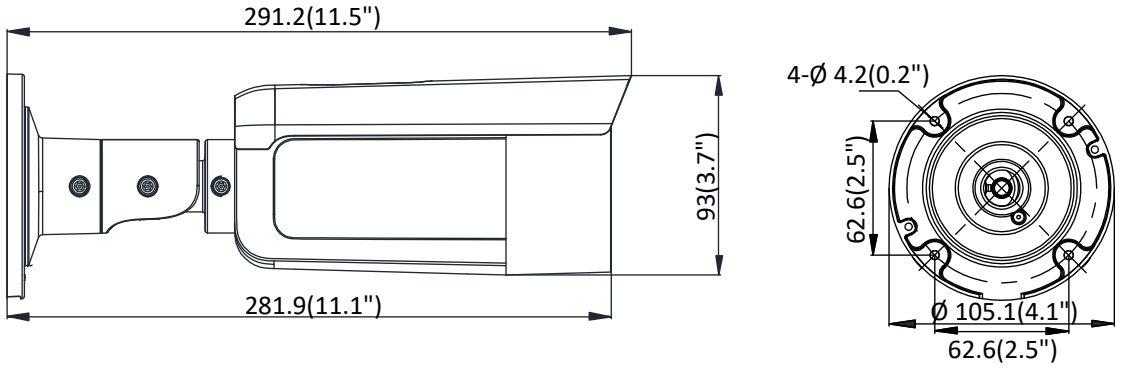


## Specifications

<b>Camera</b>	
Image Sensor	1/2.8" progressive scan CMOS
Minimum Illumination	0.0035 lux @ (f/1.0, AGC on), 0 lux with light
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
DNR	3D DNR
Wide Dynamic Range	120 dB
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
<b>Lens</b>	
Focal Length	4 mm/6 mm
Aperture	f/1.0
Focus	Fixed
FOV	4 mm, horizontal FOV: 89°, vertical FOV: 46°, diagonal FOV: 106° 6 mm, horizontal FOV: 56°, vertical FOV: 30°, diagonal FOV: 66°
Lens Mount	M16
<b>Compression Standard</b>	
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	Main profile/high profile
H.264+	Main stream supports
H.265 Type	Main profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 16 Mbps
<b>Smart Features</b>	
Behavior Analysis	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection
Exception Detection	Scene change detection
Face Detection	Yes
<b>Image</b>	
Maximum Resolution	1920 × 1080
Main Stream	60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	60 Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	60 Hz: 30 fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 240)
Image Enhancement	BLC/3D DNR/HLC
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or Web browser
Day/Night Switch	Day/Night
ROI (Region of Interest)	Supports 1 fixed region for main stream and sub-stream separately





<b>Network</b>	
Network Storage	Supports microSD/SDHC/SDXC card (128 GB) local storage, NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering detection, 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, UDP, Bonjour
General Functions	One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live Views	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator, and User
Client	iVMS-4200, Hik-Connect, iVMS-4500
Web Browser	Plug-in required live view: IE8+, Chrome 41.0-44, Firefox 30.0-51, Safari 8.0-11 Plug-in free live view: Chrome 45.0+, Firefox 52.0+
<b>Interface</b>	
Communication Interface	1 RJ-45 10M/100M self-adaptive Ethernet port
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
<b>General</b>	
Operating Conditions	-22° to +140° F (-30° to +60° C), humidity 95% or less (non-condensing)
Power Supply	12 VDC ±25%, 5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption	12 VDC, 0.7 A, maximum 9 W PoE: (802.3af, 36 V to 57 V), 0.3 A to 0.1 A, maximum 10.5 W
Visible Light Range	Up to 98 ft (30 m)
Protection Level	IP67
Material	Front cover: metal, back cover: metal
Dimensions	Camera: $\Phi$ 105 mm × 290.7 mm ( $\Phi$ 4.1" × 11.4") With package: 385 mm × 190 mm × 180 mm (15.2" × 7.5" × 7.1")
Weight	Camera: 1200 g (2.6 lb) With package: 1800 g (4 lb)

# Dimensions



Unit: mm(inch)

# Accessories

			
<b>CB130</b> Junction Box	<b>CBS</b> Junction Box	<b>CM</b> Corner Mount	<b>PM</b> Pole Mount