

DS-2CD2T27G1-L

2 MP ColorVu Fixed Bullet Outdoor Network Camera



- 24/7 Full Time Color
- Maximum 1920 × 1080 @ 30 fps
- 2.8 mm, 4 mm, or 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: 2.8 mm lens

DS-2CD2T27G1-L: 4 mm lens

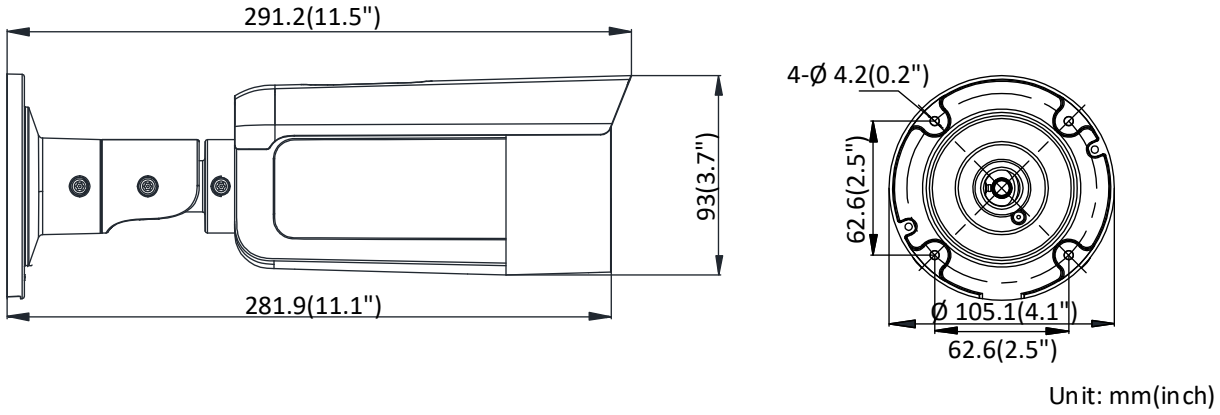
DS-2CD2T27G1-L: 6 mm lens







Specifications

| DS-2CD2T27G1-L | |
|-----------------------------|---|
| Camera | |
| 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° |
| Lens | |
| Focal Length | 2.8 mm, 4 mm, or 6 mm |
| Aperture | f/1.0 |
| Focus | Fixed |
| FOV | 2.8 mm, horizontal FOV: 112°, vertical FOV: 57°, diagonal FOV: 126° |
| | 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 |
| Compression Standard | |
| 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 |
| Smart Features | |
| Behavior Analysis | Line crossing detection, intrusion detection, object removal detection, unattended baggage detection |
| Exception Detection | Scene change detection |
| Face Detection | Yes |
| Image | |
| 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 |
| Network | |
| 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+ |
| Interface | |
| 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 |
| General | |
| 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: Ø4.1" × 11.4" (Ø105 mm × 290.7 mm) |
| | With package: 15.2" × 7.5" × 7.1" (385 mm × 190 mm × 180 mm) |
| Weight | Camera: 2.6 lb (1200 g) |
| | With package: 4 lb (1800 g) |

Dimensions



Accessories (Not Included)

| | | | |
|---|---|---|---|
|  |  |  |  |
| CB130 Junction Box | CBS Junction Box | CM Corner Mount | PM Pole Mount |