

# CA-NC344-XDLU / CA-NC344G2-XD/LU

## 4MP Turret IP Camera - 2.8mm Fixed Lens - Color Night Vision - IP66 Rated



- 24/7 Full Time Color
- Maximum 2688 × 1520 @ 30 fps
- 2.8 mm Fixed Lens
- H.265+, H.264+
- 120 dB True WDR
- Built-in Mic
- 12 VDC and PoE (802.3af, Class 3)
- MicroSD/SDHC/SDXC Slot, up to 128 GB
- BLC/3D DNR/HLC/ROI
- 0.0014 Lux @ (f/1.0, AGC On), 0 Lux with Light
- IP66

ColorVu Outdoor Fixed Turret 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.



# Specifications

| Camera                      |   |
|-----------------------------|---|
| Image Sensor                | 1/1.8" progressive scan CMOS  |
| Minimum Illumination        | 0.0014 @ (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 75°, rotate: 0° to 360°  |
| Lens                        |   |
| Focal Length                | 2.8 mm  |
| Aperture                    | f/1.0   |
| Focus                       | Fixed   |
| FOV                         | 2.8 mm, horizontal FOV: 109°, vertical FOV: 55°, diagonal FOV: 122°   |
| Lens Mount                  | M16   |
| Compression Standard        |   |
| Video Compression           | Main stream: H.265+/H.265/H.264+/H.264<br>Sub-stream: H.265/H.264/MJPEG<br>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          | 2688 × 1520   |
| Main Stream                 | 30 fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720)   |
| Sub-Stream                  | 30 fps (640 × 480, 640 × 360, 320 × 240)  |
| Third Stream                | 30 fps (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            | Supported   |
| ROI (Region of Interest)    | Supports 1 fixed region for main stream and sub-stream separately   |
| Audio (-LU)                 |   |
| Environment Noise Filtering | Yes   |
| Sampling Rate               | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz   |
| Audio Compression           | G.711/G.722.1/G.726/MP2L2/PCM   |
| Audio Bit Rate              | 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32–160 Kbps (MP2L2)   |
| 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 Function            | 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<br>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<br>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   |
| Audio (-LU)                 | Built-in microphone, mono sound   |
| 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, 0.5 A, maximum 6 W; PoE: (802.3af, 36 V to 57 V), 0.3 A to 0.1 A, maximum 7.5 W   |
| Visible Light Range         | Up to 98 ft (30 m)  |
| Protection Level            | -L model: IP67<br>-LU model: IP66   |
| Material                    | Camera: metal, trim ring: plastic   |
| Dimension                   | Camera: Ø5.4" × 4.9" (Ø138.3 mm × 125.2 mm)<br>With package: 7" × 7" × 5.9" (170 mm × 170 mm × 150 mm)                                  |
| Weight                      | Camera: 1.3 lb (575 g)<br>With package: 1.8 lb (833 g)  |

# Dimensions

