

## ECI-D64Z2

### 4 MP Outdoor EXIR Varifocal Network Dome Camera



- 1/3" (4 MP) Progressive Scan CMOS
- Up to 2560 x 1440 Resolution
- 2.8 mm to 12 mm Motorized Varifocal Lens
- EXIR 2.0 with up to 100 ft (30 m) IR Range
- H.265+/H.265/H.264+/H.264/MJPEG
- 120dB True WDR Produces Clearer Image
- MicroSD Card Slot Supports 128 GB
- IP67, IK10 Protection
- Durable Metal Housing
- 12 VDC  $\pm$  25% (PoE IEEE802.3af), maximum 10 W

The Hikvision ECI-D64Z2 Outdoor Varifocal Dome Camera provides high definition network output. It supports H.265+ video compression technology, which assures savings in bandwidth and storage.

EXIR 2.0 is Hikvision's proprietary IR extended range technology, which has a range of 100 feet (30 meters).

The 2.8 mm to 12 mm motorized varifocal lens is optimized for viewing angles that fit any situation. This flexible technology allows for the angle of view to be changed at will in order to focus on an area of interest.

**Available models:**  
ECI-D64Z2



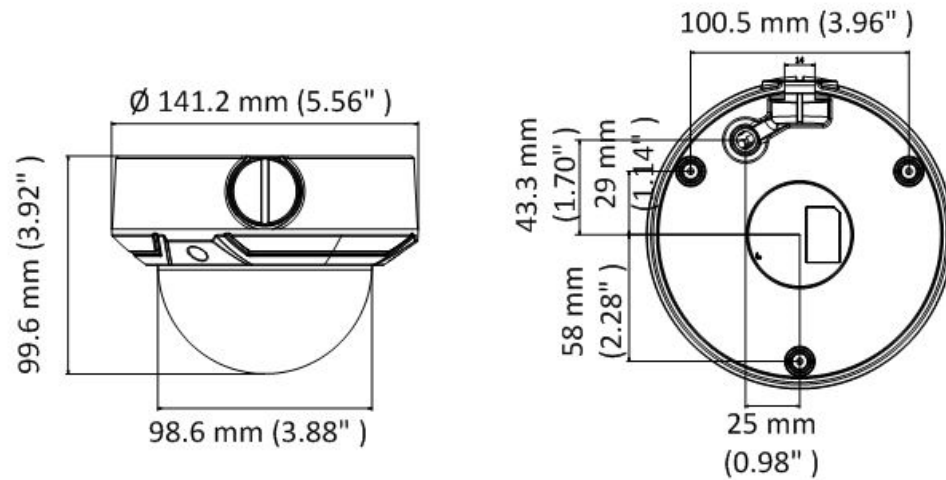
# Specifications

| ECI-D64Z2                     |                                                                                                                          |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Camera                        |                                                                                                                          |
| Image Sensor                  | 1/3" [4 MP] progressive scan CMOS                                                                                        |
| Minimum Illumination          | Color: 0.018 Lux @ (f/1.6, AGC on)                                                                                       |
| Shutter Speed                 | 1/3 s to 1/100,000 s, slow shutter supported                                                                             |
| Slow Shutter                  | Yes                                                                                                                      |
| Auto-Iris                     | No                                                                                                                       |
| Day / Night                   | IR cut filter                                                                                                            |
| Digital Noise Reduction       | 3D DNR                                                                                                                   |
| WDR                           | 120dB                                                                                                                    |
| Angle Adjustment              | Pan: 0° to 355°, tilt: 0° to 70°, rotation: 0° to 360°                                                                   |
| Lens                          |                                                                                                                          |
| Focal Length                  | 2.8 mm to 12 mm                                                                                                          |
| Aperture                      | f/1.6                                                                                                                    |
| Focus                         | Automatic                                                                                                                |
| FOV                           | Horizontal field of view: 98° to 28°; vertical field of view: 51° to 16°; diagonal field of view: 116° to 32°            |
| Lens Mount                    | Ø14                                                                                                                      |
| IR                            |                                                                                                                          |
| IR Range                      | Up to 100 ft (30 m)                                                                                                      |
| Wavelength                    | 850 nm                                                                                                                   |
| Compression Standard          |                                                                                                                          |
| Video Compression             | Main stream: H.265+/H.265/H.264+/H.264; sub-stream: H.265+/H.265/H.264+/H.264/MJPEG                                      |
| H.264 Type                    | Baseline profile/main profile/high profile                                                                               |
| H.264+                        | Main stream                                                                                                              |
| Video Bit Rate                | 32 Kbps to 8 Mbps                                                                                                        |
| Smart Features                |                                                                                                                          |
| Region of Interest            | One fixed region for main stream and sub-stream                                                                          |
| Image                         |                                                                                                                          |
| Maximum Resolution            | 2560 x 1440                                                                                                              |
| Main Stream                   | 20 fps (2560 x 1440), 30 fps (2304 x 1296, 1920 x 1080, 1280 x 720)                                                      |
| Sub-Stream                    | 30 fps (640 x 480, 640 x 360, 320 x 240)                                                                                 |
| Image Enhancement             | BLC, 3D DNR                                                                                                              |
| Image Setting                 | Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser             |
| Day / Night Switch            | Auto, scheduled                                                                                                          |
| Network                       |                                                                                                                          |
| Network Storage               | Support for microSD/SDHC/SDXC card (128 GB), local storage, and NAS (NFS, SMB/CIFS), ANR                                 |
| Alarm Trigger                 | Motion detection, video tampering alarm, network disconnected, IP address conflicted, and illegal login                  |
| Protocols                     | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour |
| General Function              | One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark                             |
| API                           | ONVIF (PROFILE S, PROFILE G), ISAPI                                                                                      |
| Simultaneous Live View        | Up to 6 channels                                                                                                         |
| User / Host                   | Up to 32 users; three levels: administrator, operator, and user                                                          |
| Client                        | iVMS-4200, Hik-Connect                                                                                                   |
| Web Browser                   | IE 8+, Chrome 31 to 44, Firefox 30.0 to 51, Safari 8.0+                                                                  |
| Interface                     |                                                                                                                          |
| Communication Interface       | 1-Port RJ-45 10M/100M self-adaptive Ethernet port                                                                        |
| General                       |                                                                                                                          |
| Operating Conditions          | -22° F to 140° F [-30° C 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 and Current | 12 VDC, 0.8 A, maximum: 10 W; PoE: (802.3af, 36 V to 57 V), 0.35 A to 0.2 A, maximum: 12 W                               |
| Protection Level              | IP67, IK10, TVS 2000V lightning protection, surge protection and voltage transient protection                            |
| Material                      | Metal                                                                                                                    |
| Dimensions                    | Ø 5.6" x 3.9" (Ø 141 mm x 99.6 mm)                                                                                       |
| Weight                        | Camera: 1.8 lbs (0.82 kg)                                                                                                |

# Accessories

|                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |
| <b>AB135</b><br>15° Angled Base                                                    | <b>PC135</b><br>135 mm<br>Pendant Cap                                               | <b>WML</b><br>Long Wall Mount +<br>Junction Box                                     | <b>CB135</b><br>Conduit Base                                                        | <b>RCM-1</b><br>Recessed Ceiling<br>Mount                                           |

## Dimensions



Unit: mm (inch)