

**DS-2CE50DF3T-VPLFS****2MP Smart Hybrid Light ColorVu Fixed Dome Camera**

- High quality imaging with 2 MP, 1920 × 1080 resolution
- 24/7 color imaging with F1.0 aperture
- Smart-Hybrid light, optimize your security with flexible lighting options
- Clear imaging against strong back light due to 130 dB true WDR technology
- 3D DNR technology delivers clean and sharp images
- 2.8 mm, 3.6 mm fixed focal lens
- Up to 40 m white light distance for bright night imaging
- Up to 40 m IR distance for bright night imaging
- High quality audio with audio over coaxial cable, built-in mic
- One port for four switchable signals (TVI/AHD/CVI/CVBS)
- Water and dust resistant (IP67) and vandal resistant (IK10)

## ▪ Specification

| Camera                   |                                                                                                                                          |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor             | 2 MP CMOS                                                                                                                                |
| Max. Resolution          | 1920 (H) × 1080 (V)                                                                                                                      |
| Slow Shutter             | Max. 16 times                                                                                                                            |
| Min. Illumination        | 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light                                                                                      |
| Day & Night              | ICR                                                                                                                                      |
| Angle Adjustment         | Pan: 0 to 355°, Tilt: 0 to 75°, Rotation: 0 to 355°                                                                                      |
| Signal System            | PAL/NTSC                                                                                                                                 |
| Shutter Time             | PAL: 1/25 s to 1/50,000 s; NTSC: 1/30 s to 1/50,000 s                                                                                    |
| Lens                     |                                                                                                                                          |
| Lens Type                | 2.8 mm, 3.6 mm fixed focal lens                                                                                                          |
| Focal Length & FOV       | 2.8 mm, horizontal FOV: 105°, vertical FOV: 56°, diagonal FOV: 123°<br>3.6 mm, horizontal FOV: 85°, vertical FOV: 46°, diagonal FOV: 98° |
| Lens Mount               | M12                                                                                                                                      |
| Microphone               |                                                                                                                                          |
| Pickup Distance          | In a radius of up to 5 m                                                                                                                 |
| Amount                   | 1                                                                                                                                        |
| Illuminator              |                                                                                                                                          |
| Supplement Light Type    | Smart, IR, White Light                                                                                                                   |
| Supplement Light Range   | IR: Up to 40 m, White Light: Up to 40 m                                                                                                  |
| Image                    |                                                                                                                                          |
| Image Parameters Switch  | STD/HIGH-SAT/HIGHLIGHT                                                                                                                   |
| Image Settings           | Brightness,<br>Contrast,<br>Sharpness,<br>Anti-banding,<br>AGC                                                                           |
| Frame Rate               | TVI: 1080p @30 fps, 1080p @25 fps<br>AHD: 1080p @30 fps, 1080p @25 fps<br>CVI: 1080p @30 fps, 1080p @25 fps<br>CVBS: PAL/NTSC            |
| Day/Night Mode           | Auto/Color                                                                                                                               |
| Wide Dynamic Range (WDR) | ≥130 dB                                                                                                                                  |
| Image Enhancement        | WDR,<br>BLC,<br>HLC,<br>Global,<br>HLS                                                                                                   |
| Privacy Mask             | 4 programmable privacy masks                                                                                                             |
| Noise Reduction          | 3D DNR                                                                                                                                   |
| White Balance            | Auto,<br>Manual                                                                                                                          |
| Interface                |                                                                                                                                          |
| Video Output             | Switchable TVI/AHD/CVI/CVBS                                                                                                              |

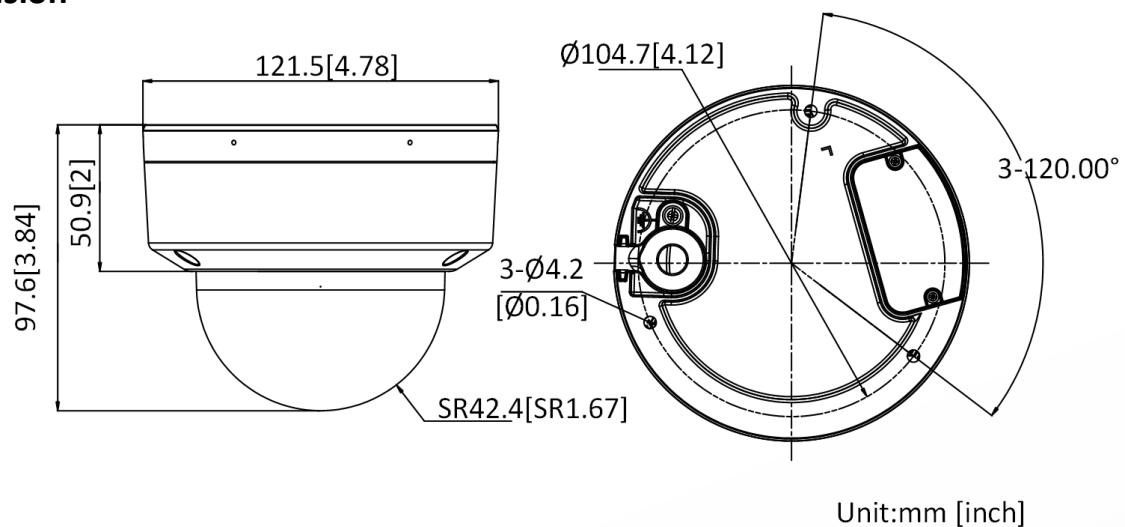
|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Alarm               | Solid Light Alarm(White Light)                                                                                 |
| <b>Event</b>        |                                                                                                                |
| Motion Detection    | 4 programmable motion areas                                                                                    |
| <b>General</b>      |                                                                                                                |
| Power               | 12 VDC $\pm$ 25%, max.6.9 W, *You are recommended to use one power adapter to supply the power for one camera. |
| Material            | Metal                                                                                                          |
| Dimension           | $\varnothing 121.5$ mm $\times$ 97.6 mm ( $\varnothing 4.78$ " $\times$ 3.84")                                 |
| Weight              | Approx. 510 g (1.12 lb.)                                                                                       |
| Operating Condition | -40 °C to 60 °C (-40 °F to 140 °F). Humidity 90% or less (non-condensing)                                      |
| Communication       | HIKVISION-C                                                                                                    |
| Language            | English                                                                                                        |
| <b>Approval</b>     |                                                                                                                |
| Protection          | IP67, IK10                                                                                                     |

#### ▪ Available Model

DS-2CE50DF3T-VPLFS(2.8mm)

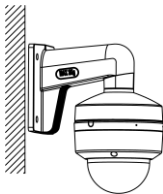
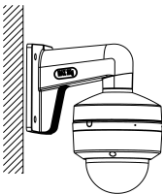
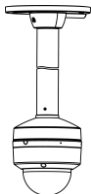
DS-2CE50DF3T-VPLFS(3.6mm)

#### ▪ Dimension



▪ **Accessory**

▪ **Optional**

| DS-1272ZJ-120<br>Wall mount                                                       | DS-1272ZJ-120B<br>Wall mount                                                      | DS-1271ZJ-120<br>Pendant Mount                                                      |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
|  |  |  |

# See Far, Go Further



[www.hikvision.com](http://www.hikvision.com)  
[support@hikvision.com](mailto:support@hikvision.com)



© Hangzhou Hikvision Digital Technology Co., Ltd. Unless otherwise agreed, Hikvision makes no warranties, express or implied. We reserve the right to introduce modifications without notice.

**HIKVISION**<sup>®</sup>