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**DIGITAL SURVEILLANCE SYSTEMS**

# 8M HD Analog IR Turret

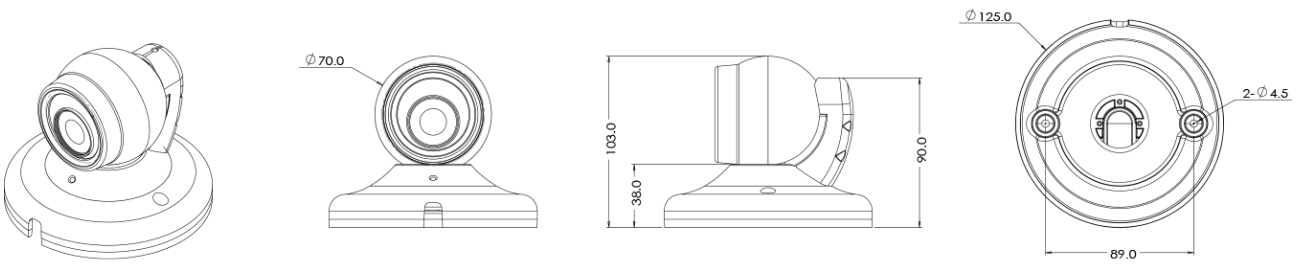
CVD1-28-RS

## Features



- Analog High Definition Universal over Coax Technology
- Starlight Super Low Light Technology
- 1/1.8" CMOS Sensor
- Max 2160P Resolution at 15/12.5fps
- Wide Dynamic Range (WDR)
- Smart IR™ with Intelligent Camera Sync. 70ft Range
- Smart DNR™ 3D Digital Noise Reduction
- Highlight Masking Exposure (HME)
- True Day/Night Mechanical IR Cut Filter
- Programmable Privacy Zones
- Auto Gain Control (AGC)
- Back Light Compensation (BLC)
- Dynamic Range Compressor (DRC) Reveals Low Light Detail
- Auto White Balance (AWB)
- IP67 Certified (Weather Resistant)
- OSD Control via Coax Cable using UTC

## Dimension (mm)



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## Specification

| Video | |
|---|---|
| Image Sensor | 1/1.8” 8M CMOS |
| Num of Channels | 1 |
| Total Pixel | 3952(H) x 2320(V) |
| Active Pixel | 3864(H) x 2176(V) |
| Max Resolution | 3840(H) x 2160(V) |
| MIN. Illumination | Color(at Day) : 0.1Lux (F1.6, 30IRE)<br>B/W(at Night) : 0 lux(With IR) |
| Video Output | AHD or TVI or CVI or CVBS |
| Only installer Video Output | No |
| Signal Technology | Max 8.0 Megapixel Universal |
| Synchronization | Internal |
| Scanning Mode | Progressive Scan |

| Lens | |
|---|---|
| Focal Length | 2.8mm 4.0mm 6.0mm |
| Aperture | F1.6 |
| Lens Type | Fixed |
| IRIS Type | Auto Exposure |
| Horizontal Angle | 2.8mm D:120.5°, H:106.5°, V:59.1° \| 4.0mm D:98.8°, H:85.7°, V:47.5° \| 6.0mm D:63.5°, H:54.6°, V:30.1° |

| Operational | |
|---|---|
| Shutter Speed | 1/30(25) - 1/30,000 Slow Shutter (OFF-x32) |
| Auto Gain Control (AGC) | Yes |
| Day & Night | TDN (True Day & Night) |
| Digital Noise Reduction | 2D/3D DNR |
| Wide Dynamic Range (WDR) | LINE WDR |
| Dynamic Range | 120dB or above |
| LEDs | H2IR |
| LED Distance | 70ft |
| Gamma | 0.5 |
| Function | Motion Detection Privacy Zone White Balance Backlight Mirror & Flip |

| I/O & EVENT | |
|---|---|
| Audio In / Out | No |
| Alarm In / Out | No |

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| I/O & EVENT | |
|---|---|
| UTC Built-in | UTC |
| UTP Built-in | No |

| Electrical | |
|---|---|
| Power Requirement | DC12V Voltage<br>DC12V |
| Power consumption | DC(LED OFF) :3W (250mA)<br>DC(LED ON) : 4.54W (378mA) |

| Environmental | |
|---|---|
| Operating Temperature | -20℃ ~ 50℃ |
| Cold Start | No |
| Operating Humidity | Less than 90%(Non-Condensing) |
| IK Rating | IK10 |
| IP Rating | IP67 |
| Other Certification | FCC CE ROHS |

| Mechanical | |
|---|---|
| Housing Model | VD1 |
| Housing | Outdoor Dome |
| Material | Aluminum-Die Casting |
| Color | White |
| Dimensions (W x D x H) | 125mm<br>103mm |
| Weight | 0.53 |

## Compatible Accessories



BJC11
JUNCTION BRACKET



BC10 NPT



GP02
Gang Bracket



BJC03
Junction Bracket

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BW10

Wall Bracket



BC10

Ceiling Bracket



BJC09

Wall Junction Bracket



BP01

Pole Mount Bracket



BCO01

Corner Mount Bracket