

# 8M HD Analog IR Indoor Dome

CNK2-28-RS

## Features

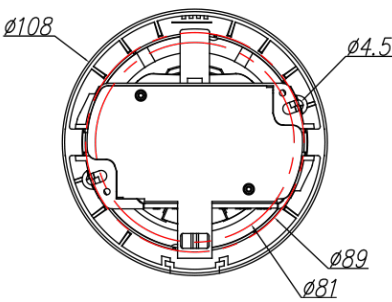
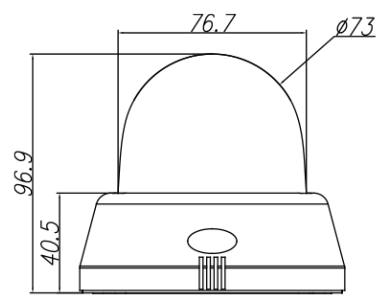
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- Analog High Definition Universal over Coax Technology
- Starlight Super Low Light Technology
- 1/1.8" CMOS Sensor
- Max 2160P Resolution at 15/12.5fps
- Wide Dynamic Range (WDR)
- MFZ P-Iris Lens from 3.6~10mm
- Smart IR™ with Intelligent Camera 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)
- 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) : 0.09Lux (F1.5, 30IRE)<br>B/W(at Night) : 0 lux(With IR) |
| Video Output                | AHD or TVI or CVI or CVBS                                               |
| Only installer Video Output | CVBS                                                                    |
| Signal Technology           | Max 8.0 Megapixel Universal                                             |
| Synchronization             | Internal                                                                |
| Scanning Mode               | Progressive Scan                                                        |

| Lens             |                                                                  |
|------------------|------------------------------------------------------------------|
| Focal Length     | 3.6~10mm                                                         |
| Aperture         | F1.5                                                             |
| Lens Type        | Motorized                                                        |
| IRIS Type        | P-IRIS                                                           |
| Horizontal Angle | D:112.9 , H:98.4 , V:54.6 (Wide) D:52.3 , H:45.7 , V:25.9 (Tele) |

| 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                                                      |
| IR LEDs                  | H2IR                                                                |
| IR 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  |
| UTC Built-in   | UTC |

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

| Electrical        |                                                                   |
|-------------------|-------------------------------------------------------------------|
| Power Requirement | DC12V / AC24V Dual Voltage<br>DC12V AC24V                         |
| Power consumption | 5.517W (460mA)<br>8.98W (748mA)<br>5.06W (358mA)<br>8.03W (552mA) |

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

| Mechanical             |                   |
|------------------------|-------------------|
| Housing Model          | NK2               |
| Housing                | Indoor Dome       |
| Material               | Plastic           |
| Color                  | White             |
| Dimensions (W x D x H) | 107.8mm<br>99.1mm |
| Weight                 | 0.24              |

## Compatible Accessories



**BW06**  
Wall Bracket



**GP02**  
Gang Bracket