

# 2M HD Analog IR Outdoor Dome

CNK4-12-R

## Features

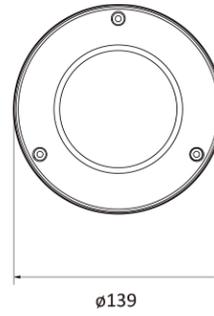
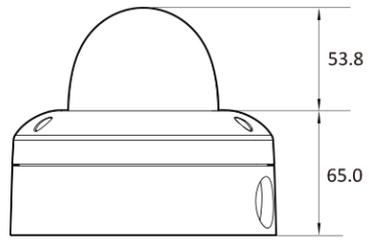
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- Analog High Definition Universal over Coax Technology
- Analog High Definition Universal over UTP Technology
- Sens-up Super Low Light Technology
- 1/3" CMOS Sensor
- 1080P Resolution at 30fps
- Wide Dynamic Range (WDR)
- Varifocal P-Iris Lens from 2.8~12mm
- 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
- Test Video-BNC Output
- Easy Icon Driven OSD Menu with Built-in Joystick
- Programmable Privacy Zones
- Auto Gain Control (AGC)
- Back Light Compensation (BLC)
- Dynamic Range Compressor (DRC) Reveals Low Light Detail
- Auto White Balance (AWB)
- IP66 Certified (Weather Resistant)
- OSD Control via Coax Cable using UTC
- RS485



## Dimension (mm)

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## Specification

### Video

Image Sensor	1/3" 2M CMOS
Num of Channels	1
Total Pixel	1956(H) x 1266(V)
Active Pixel	1944(H) x 1092(V)
Max Resolution	1920 X 1080
MIN. Illumination	Color(at Day) : 0.03Lux (F1.4, 30IRE) 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 2M Megapixel Universal
Synchronization	Internal
Scanning Mode	Progressive Scan

### Lens

Focal Length	2.8~12mm
Aperture	F1.4
Lens Type	Motorized
IRIS Type	P-IRIS
Horizontal Angle	D:99.8°, H:86°, V:46.8°(Wide) D:39.8°, H:34.6°, V:19.6°(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)	Double Scan 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	0/1

I/O & EVENT

RS485	PELCO D
UTC Built-in	UTC
UTP Built-in	No

Electrical

Power Requirement	DC12V / AC24V Dual Voltage DC12V AC24V
Power consumption	DC(LED OFF) :3.0W (252mA) DC(LED ON) : 5.2W (430mA) AC(LED OFF) :2.3W (156mA) AC(LED ON) :4.6W (302mA)

Environmental

Operating Temperature	-40°C ~ 50°C
Cold Start	-40°C~ 50°C
Operating Humidity	Less than 90%(Non-Condensing)
IK Rating	IK10
IP Rating	IP66
Other Certification	FCC CE ROHS

Mechanical

Housing Model	NK4
Housing	Outdoor Dome
Material	Aluminum-Die Casting
Color	White
Dimensions (W x D x H)	139mm 118.8mm
Weight	0.95

Compatible Accessories



**BC08 NPT**



**BW08**  
Wall Bracket



**BR04**  
Inceiling Bracket



**BSH06**  
Sunshield Bracket



**BC08**  
Ceiling Bracket



**GP02**  
Gang Bracket



**BP01**  
Pole Mount Bracket



**BCO01**  
Corner Mount Bracket