

KX-4K02C4

4K NightBreaker HDCVI IR Eyeball Camera



- NightBreaker, 120dB True WDR, 3DNR
- Max. 4K resolution
- HD/SD switchable
- Audio in interface, built-in mic
- 3.6mm fixed lens (2.8mm, 6mm optional)
- Max. IR length 50m, Smart IR
- IP67, DC12V±30%



Technical Specification

Camera

Image Sensor	1/2" Panasonic CMOS
Effective Pixels	3840(H)×2160(V), 8MP
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/4s~1/100,000s NTSC: 1/3s~1/100,000s
Minimum Illumination	0.005Lux/F1.6, 30IRE, 0Lux IR on
S/N Ratio	More than 65dB
IR Distance	Up to 50m (164feet)
IR On/Off Control	Auto / Manual
IR LEDs	2

Lens

Lens Type	Fixed lens / Fixed iris
Mount Type	Board-in
Focal Length	3.6mm (2.8mm, 6mm Optional)
Max Aperture	F1.6
Angle of View	H: 87° (110.8°/55°)
Focus Control	Auto / Manual
Close Focus Distance	2500mm (1800mm, 6100mm) 98.43" (70.87", 240.2")

DORI Distance

Note: The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

	DORI Definition	Distance
Detect	25px/m (8px/ft)	2.8mm:84m(276ft) 3.6mm: 104m(341ft) 6mm:164m(538ft)
Observe	63px/m (19px/ft)	2.8mm:34m(112ft) 3.6mm:42m(138ft) 6mm:66m(217ft)
Recognize	125px/m (38px/ft)	2.8mm:17m(56ft) 3.6mm: 21m(69ft) 6mm: 33m(108ft)
Identify	250px/m (76px/ft)	2.8mm:8m(26ft) 3.6mm:10m(33ft) 6mm:16m(52ft)

Pan / Tilt / Rotation

Pan/Tilt/Rotation	Pan: 0° ~ 360° Tilt: 0° ~ 70° Rotation: 0° ~ 360°
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Video

Resolution	8MP (3840×2160)
Frame Rate	15fps@4K, 20fps@6MP, 25 / 30fps@4MP
Video Output	1-channel BNC high definition video output / CVBS video output (DIP switch)

Day/Night	Auto (ICR) / Manual
OSD Menu	Multi-language
BLC Mode	BLC / HLC / WDR
WDR	120dB
Gain Control	AGC
Noise Reduction	2D/3D
White Balance	Auto / Manual
Smart IR	Auto / Manual

Interface

Audio Interface	1ch in & Built-in Mic
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Electrical

Power Supply	12V DC ±30%
Power Consumption	Max 8W (12V DC, IR on)

Environmental

Operating Conditions	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH * Start up should be done at above -30°C (-22°F)
Storage Conditions	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH
Ingress Protection & Vandal Resistance	IP67

Construction

Casing	Aluminium
Dimensions	Φ106mm×99.2mm (Φ4.17"×3.9")
Net Weight	0.5kg (1.10lb)
Gross Weight	0.62kg (1.37lb)

Dimensions (mm/inch)

