KBVISION

KX-Y2001C4
2MP 4 In 1 IR Bullet Camera

· Max 30fps@1080P

· HD and SD output switchable

· 3.6mm fixed lens

· Max. IR length 20m, Smart IR

· IP67, DC12V

1080p FULL HD | **20m IR** | **DC 12V** | **IP67** | **Temperature**

Technical Specification

Camera

Image Sensor	1/2.7" CMOS
Effective Pixels	1920(H)×1080(V), 2MP Sony Sensor
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25~1/100000s NTSC: 1/30~1/100000s
Minimum Illumination	0.02Lux/F2.0, 30IRE, 0Lux IR on
S/N Ratio	More than 65dB
IR Distance	Up to 20m (66feet)
IR On/Off Control	Auto / Manual
IR LEDs	12

Lens

Lens Type	Fixed lens / Fixed iris
Mount Type	Board-in
Focal Length	3.6mm
Max Aperture	F2.0
Angle of View	H: 88°
Focus Control	N/A
Close Focus Distance	900mm (2000mm) 35.43" (78.74")

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)	3.6mm: 53m(175ft) 6mm: 80m(262ft)
Observe	63px/m (19px/ft)	3.6mm: 21m(70ft) 6mm: 32m(105ft)
Recognize	125px/m (38px/ft)	3.6mm: 11m(35ft) 6mm: 16m(52ft)
Identify	250ppm (76px/ft)	3.6mm: 5m(17ft) 6mm: 8m(26ft)

Pan/Tilt/Rotation

Pan/Tilt/Rotation	Pan: 0° ~ 360° Tilt: 0° ~ 90° Rotation: 0° ~ 360°

Video

Resolution	1080P (1920×1080)
Frame Rate	25/30fps@1080P, 25/30/50/60fps@720P
Video Output	1-channel BNC high definition video output / CVBS video output (Can switch)
Day/Night	Auto (ICR) / Manual

OSD Menu	Multi-language
BLC Mode	BLC / HLC / DWDR
WDR	DWDR
Gain Control	AGC
Noise Reduction	2D
White Balance	Auto / Manual
Smart IR	Auto / Manual

Interface

Audio Interface	N/A

Electrical

Power Supply	12V DC ±25%
Power Consumption	Max 3.2W (12V DC, IR on)

Environmental

Operating Conditions	-40°C ~ +60°C (-40°F ~ +140°F) / Less than 90% RH * Start up should be done at above -40°C (-40°F)
Storage Conditions	-40°C ~ +60°C (-40°F ~ +140°F) / Less than 90% RH
Ingress Protection &Vandal Resistance	IP67

Construction

Casing	Plastic
Dimensions	154.3mm×69.8mm×69.8mm (6.07"×2.75"×2.75")
Net Weight	0.20kg (0.44lb)
Gross Weight	0.27kg (0.60lb)

Dimensions (mm/inch)

154.3 [6.07"]
83.4 [3.28"]
69.8 [2.75"]
69.8 [2.75"]