

HD-CCTV Camera

K4000VD-SIR18-AF / K4000PVD-SIR18-AF(-24V)

Before attempting to connect or operate this product,
Please read these instructions carefully and save this manual for future use.
The design and specifications are subject to be changed without notice.

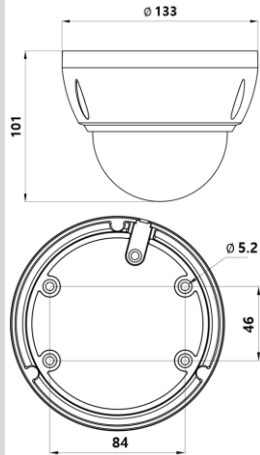
Features

- 5 Megapixel Sony STARVIS Image Sensor
- Support CoC (UCC-A) for OSD control
- Support PoC (K4000P*48V, K4000P*-24V, K4000x)
- Support 2 kind of video output resolution :
 - 4 Megapixel (4M) : 2560 x 1440
 - 2 Megapixel (2M) : 1920 x 1080
- Video Output Format
 - 4M : EX-SDI 2.1
 - 2M : EX-SDI 1.0, EX-SDI 2.0
- DC Iris, 2.7mm~12mm Megapixel 2 Motor Lens
- One-push Auto Focus, Zoom/Focus Control
- 3DNR (Noise Reduction)
- Back Light Compensation (WDR / BLC / HLC)
- True Day&Night (ICR)
- Removing Fog (Defog)
- Privacy Masking (16 zones + 8 zones)
- Smart IR (No Saturation)
- IP68 Level Protection against Dust and Water
- Internal IR LED : 18 pcs

※ How to select Video Output Format

- Remove cover and use OSD control lever or use UCC
- Right > Right > Right > Enter : 4M EX-SDI 2.1
 - Left > Left > Left > Enter : 2M EX-SDI 2.0

Dimension



Weight: 0.54kg

Specification

Description	K4000P	K4000P*-24V	K4000
Sensor Type	1/2.8" 5.1 Megapixel SONY CMOS Sensor		
Output Pixels	2560 x 1440 (4M pixels) / 1920 x 1080 (2M pixels)		
Scanning System	Progressive Scan		
Lens	Filter	True Day & Night (ICR)	
	Type	2.7~12mm DC IRIS VARIFOCAL 2 Motor LENS (ICR)	
Video	Output	1 (BNC 1.0 Vp-p, 75Ω)	
	Resolution	1440p30,25 / 1080p30,25	
	Format	4M : EX-SDI 2.1, 2M : EX-SDI 1.0/EX-SDI 2.0	
Video Control	AGC	LEVEL 0~10	
	S/N Ratio	more than 52dB	
	Back Light Compensation	OFF / HLC / BLC / WDR	
	ACE	OFF / LOW / MIDDLE / HIGH	
	Min. Illumination	BW: 0.0005Lux@50IRE, 3100K, DSS(OFF), AGC(10) Color: 0.02Lux@50IRE, 3100K, DSS(OFF),	
	DNR	AGC(10) OFF / LOW / MIDDLE / HIGH	
	Iris Adjust.	DC / Manual	
	White Balance	AUTO(NORMAL,VIVID,SOFT)/AUTOext/PRESET/MANUAL	
	Electric Shutter	INDOOR / OUTDOOR / INDOOR-DEBLUR / OUTDOOR-DEBLUR / FLICKER / MANUAL (11 Steps)	
	OSD Language	ENG	
	Day&Night	COLOR / BW / EXTERN / AUTO	
	Defog	OFF / ON (AUTO, MANUAL-LOW/MIDDLE/HIGH)	
	Privacy	OFF / ON (Programmable 24 zones)	
	DSS	OFF / AUTO / X2~X32	
	Digital Effect	OFF / H-MIRROR / V-MIRROR	
	IR LED	18 pcs	
Smart IR	OFF / ON		
OSD Control	OSD Key / CoC (UCC-A)		
Input Voltage	DC 48V(±10%)	DC 24V(±10%)	DC 12V(±10%)
Power Consumption	IR OFF: 2.5W(MAX) / IR ON: 5.1W(MAX)	IR OFF: 1.9W(MAX) / IR ON: 4.4W(MAX)	
Operation Temp./Humidity	-10°C ~ +50°C / MAX 90% RH		
Storage Temp./Humidity	-20°C ~ +60°C / MAX 90% RH		
Certifications	FCC, CE		

Warranty

				Warranty Term : 2 Years
Product Name	HD-CCTV Camera		Model Name	K4000(P)VD-SIR18-AF(-24V)
			Serial No.	
Purchase	(Year)	(Month)	(Date)	Customer
Address	(TEL.)			
Dealer			Representative	

◆ Please fill out vacant area before selling products.

★ For customer service ★

Please read through product manual before claiming customer service.
Any simple malfunctions due to customer's misunderstanding on the product will be fixed by customer's side.

For requesting service?

Please inform details of malfunctions correctly.

Free or non free repair will be decided based on details of warranty card.

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The damage coming from following condition will be repaired at customer's cost.

- 1) Any damage comes from customer's carelessness.
- 2) In case not recommended power is entered.
- 3) In case user repair unit at their own.
- 4) Any damage comes from natural disaster (Fire, Flood, etc)
- 5) Consumable parts replacement.

Cautions

WARNING – Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

CAUTION : To prevent electric shock and risk of fire hazards:

- Handling of the unit: Be careful not to spill water or other liquids on the unit.
- Operating and storage location: Avoid viewing a very bright object (such as light fittings) during an extended period.
- Avoid operating or storing the unit in the following locations.
 - Extremely hot or cold places (operation temperature -10°C ~ 50°C, however, we recommend that the unit be used within a temperature range of 0°C ~ 45°C)
 - Damp or dust place, places exposed to rain and places subject to strong vibration
 - Close to generators of powerful electromagnetic radiation such as radio or TV transmitters.
- Handling of the Unit
 - Remove dust or dirt on the surface of the CMOS sensor with a blower.
 - Avoid the use of volatile solvents such as thinners, alcohol, benzene and insecticides. They may damage the surface finish and/or impair the operation of the camera.

User Notices

Grade A
(Commercial broadcasting and communications equipment)

The product is a device obtained EMC registration for commercial (A grade). Distributors and users should be aware of this point, and it is used for purposes outside of the home

WEBGATE
HD-CCTV solution provider



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