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## Camera

DIGITAL

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# VCC-SXCXP3M VCC-SXCXP3R

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**CXP**   **SXGA**



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CoaXPress interfaced 1.3M resolution camera.  
29mm cubic in size, yet cost effective.

Small CXP camera using 1/2 type 1.3M pixels CMOS sensor.

### Product Features

- 29mm cubic in size.
- Global shutter CMOS sensor
- CoaXPress interface (CXP1, 2, and 3)
- Video output via BNC connector
- Long distance data transmission (to be complied to CXP Ver 1.0)
- High speed frame rate
- CXP1, CXP2, and CXP3 output are selectable
- 1.3M pixels resolution with 175fps at CXP3 output
- Must have features ready for FA applications
- Global trigger shutter operation
- ROI function, Sub-sampling, Defective pixel correction and more
- NIR model VCC-SXCXP3NIR is also available

### Product Specification Outline

	VCC-SXCXP3M	VCC-SXCXP3R
Color/Mono	Mono	Color
Resolution	SXGA	SXGA
Frame Rate	75(CXP1), 150(CXP2), 168.5(CXP3)	75(CXP1), 150(CXP2), 168.5(CXP3)

Output Format	MONO8/10	BayerRG8/10
Image Sensor	1/2 CMOS(GS)	1/2 CMOS(GS)
Effective Pixels	1280 x 1024	1280 x 1024
Unit Cell Size (μm)	4.8 x 4.8	4.8 x 4.8
Pixel Clock (MHz)	72M	72M
Power Consumption	2.5W(CXP-1), 2.7 W (CXP-2, CXP-3)	2.5W(CXP-1), 2.7 W (CXP-2, CXP-3)
Power Requirement	PoCXP	PoCXP
Min. Illumination	F1.4 0.98lx (Shutter 1/300s, Gain 18dB)	F1.4 61lx (Shutter 1/300s, Gain 18dB)
Sensitivity	F2.8 400lx (Shutter 1/300s, Gain 0dB)	F2.8 2000lx (Shutter 1/300s, Gain 0dB)
Shutter Variable Range	OFF~1/10000	OFF~1/10000
Signal I/F	CXP-1/2/3	CXP-1/2/3
Lens Mount	C Mount	C Mount
Weight (g)	50	50
Dimensions (W) x (H) x (D)mm	29 x 29 x 29	29 x 29 x 29

### Download Specification Document

※You need to be logged in to download the Specification documents.  
Please register from [here](#), if you haven't.

VCC-SXCXP3M

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VCC-SXCXP3R

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VCC-SXCXP3NIR

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### Other information

### Product Filter with model names



### Product Filter with multiple selections

Please select choices from the filter items below. Multiple selections are allowed.  
※Please make sure JavaScript is valid to use this function.

model name

form factor

Camera Board Camera

camera type

Color Mono

interface

resolution

frame rate

over~  under

sensor type

CCD CMOS

sensor size

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