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TECHNOLOGY GROUP

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VGA/2M/4M CameraLink High-Speed Global Shutter

VGA / 2M / 4M CMOS

STC-CMB33PCL【VGA Mono】
STC-CMB200PCL【2M Mono】
STC-CMB401PCL【4M Mono】
STC-CMC33PCL【VGA Color】
STC-CMC200PCL【2M Color】
STC-CMC401PCL【4M Color】

Sentech is proud to introduce the brand new Mini C-MOSIS Camera Link series.
These cameras feature global shutter, which will allow them to safely record moving objects.
The 2M & 4M models are available in Near IR versions.
These models are the second generation C-MOSIS Camera Link cameras, and have a smaller size, lower power consumption, and are a lower cost.



Features

- VGA
  642(H) x 484(V) 480fps
  7.4 μm x 7.4 μm 1/3" Sensor
- 2M
  2048(H) x 1088(V) 333fps
  5.5 μm x 5.5 μm 2/3" Sensor
- 4M
  2048(H) x 2048(V) 180fps
  5.5 μm x 5.5 μm 1" Sensor
- Global Shutter
- PoCL / External Power Supply
- 40 x 40 x 40.5 mm (excluding connector)

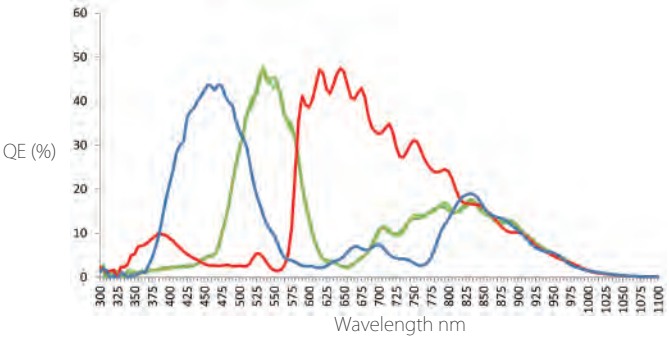


Specifications

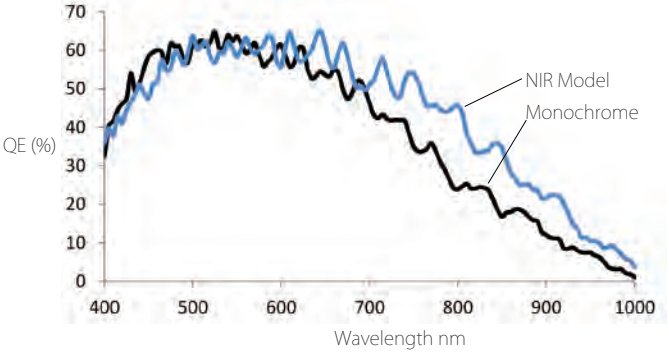
Model Numbers	: STC-CMC33PCL（VGA Color）
	STC-CMB33PCL（VGA Monochrome）
	STC-CMC200PCL（2M Color）
	STC-CMB200PCL（2M Monochrome）
	STC-CMB200PCL-NIR（2M NIR）
	STC-CMC401PCL（4M Color）
	STC-CMB401PCL（4M Monochrome）
	STC-CMB401PCL-NIR（4M NIR）
Image Sensors	: 1/3″ VGA CMOS（CMOSIS CMV300）
	2/3″ 2M CMOS（CMOSIS CMV2000）
	1″ 4M CMOS（CMOSIS CMV4000）
Shutter Type	: Global Shutter
Effective Pixels	: 642 (H) x 484 (V)（VGA）
	2048 (H) x 1088 (V)（2M）
	2048 (H) x 2048 (V)（4M）
Cell Size	: 7.4 (H) x 7.4 (V) μm（VGA）
	5.5 (H) x 5.5 (V) μm（2M/4M）
Frame Rate	: 480fps（VGA）
	333fps（2M）
	180fps（4M）
Noise Levels	: 3digits or less(8-bit, Gain 0 dB)
Video Format	: 8/10 bit Raw Data、RGB 8 bit（Color）
	8/10 bit Raw Data（Monochrome、IR）
Interface	: CameraLink Base/Medium/Full/10Tap
Exposure Time	: 25 μsec ～ 45sec
ALC	: AGC ON / OFF and Electronic Iris
Digital Gain	: 1 ～ 5 dB
Gamma	: 1.0 (fixed)
White Balance	: Auto / Manual / Push to Set
	（Color Models Only）
Operating Mode	: Edge Preset Trigger / Pulse Preset Trigger
Communication	: RS232 communication (via Camera Link connector)
Power Consumption	: less than 1.68W (VGA)
	less than 3W (2M)
	less than 3.5W (4M)
Dimensions	: 40 (W) x 40 (H) x 40.5(D) mm（excluding connector）
Optical Filter	: N/A
Lens Mount	: C Mount
External Connector	: Miniature Connector (SDR)
Power & Signal Connector	: HR10A-7R-6PB (Hirose) or equivalent
Camera Mounting	: 1/4" tripod mounting screw holes (1 on bottom surface)
M4 Mounting Screws	: 4 Mounting Screws on the top and bottom of the camera
Weight	: 94g（VGA）
	102g（2M/4M）
Compliance	: RoHS Compliant

Spectral Sensivity

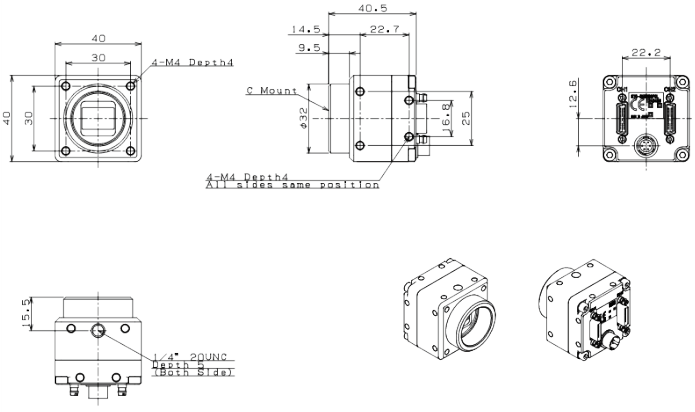
STC-CMC200(401)PCL



STC-CMB200(401)PCL / STC-CMB200(401)PCL-NIR



Dimensions



Artisan Technology Group is an independent supplier of quality pre-owned equipment

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