

Large Area Scan Series

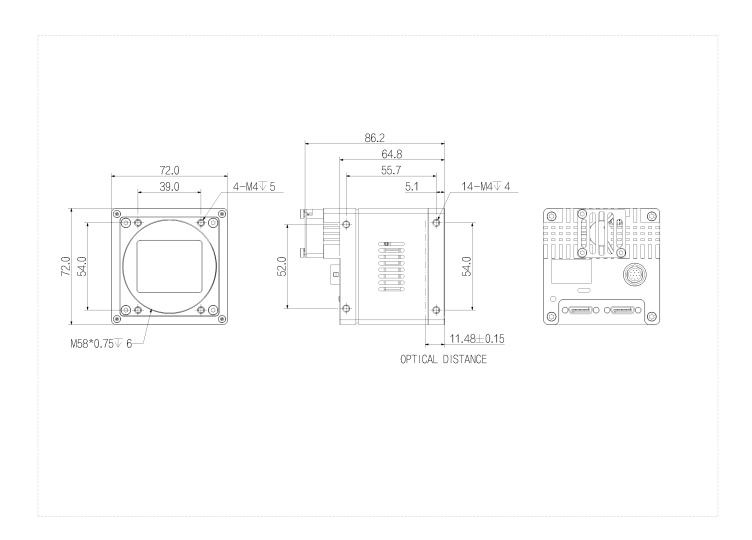
AX5E07MK250E



Features

- A pantented flatness mediation scheme to eliminate area defocusing;
- Excellent heat dissipation design, precise temperature control and constant, temperature maintenance;
- Support Software Trigger/Hardware Trigger/Free Run Mode, support to use CameraLink acquisition card to trigger the camera;
- Support custom ROI, vertical mirror;
- With 10TAP outputs, the frame rate of up to 12.5fps at 85M clock for 65MP and 17.5fps at 85M clock for 50MP;
- Support automatic exposure, Gamma, LUT, and other ISP function;
- Mono cameras support contrast adjustment;
- Support for FFC function to provide more uniform picture quality;
- Support fan speed adaptive function for setting the target temperature of the sensor;
- Conform to CameraLink protocol and GenICam standard;

Dimensions (mm)



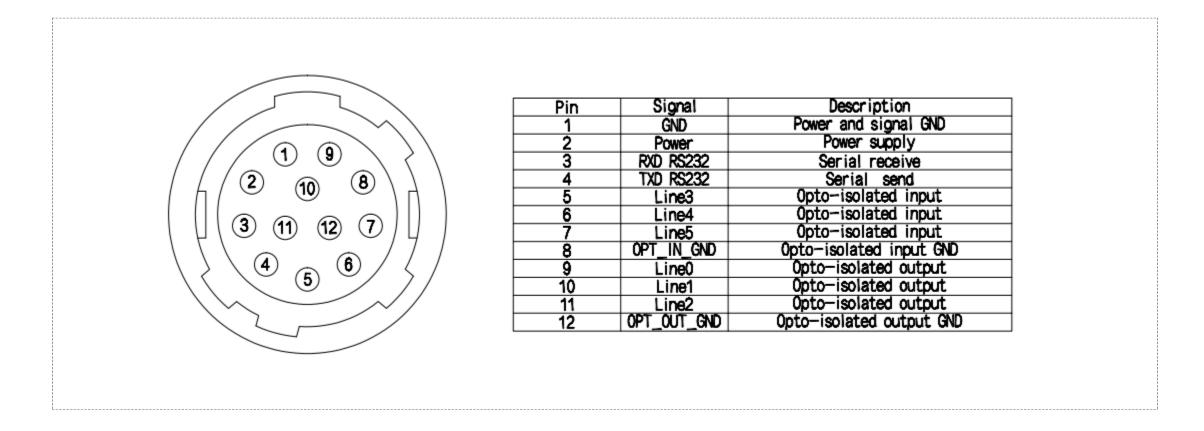


Specification

	Model		AX5E07MK250E
Basic Shutter Global Resolution 9280 × 4992 Frame Rate 17.5 fps Bit Depth 12 Mono/Color Mono Pixel Size 3.2 μm × 3.2 μm S/N Ratio 40dB Dynamic Range 66dB Image Format Mono8 ROI Support Gain 1~32 Gamma From 0 to 4, support LUT Exposure Time 16μ5~15S Trigger Mode Software Trigger/Hardware Trigger/Free Run Mode SPC Support Support Support Performance 1 Support two sets of user-defined configurations Image Buffer 2 15MB data storage Port CameraLink GPIO Interface 2x Opto-Isolated input, 2x Opto-Isolated output, 1x R5232 Lens Mount M58 x 0.75 Power Power Supply DC 24V power supply via 12 Hirose interface Power Consumption 24V=6.83W Product Dimensions 72mm*72mm*65mm(Not including rear case connector) Net Weight<	Basic	Sensor	customization
Basic Resolution 9280 × 4992 Frame Rate 1.7.5 fps Bit Depth 1.2 Mono/Color Mono Pixel Size 3.2 μm × 3.2 μm S/N Ratio 40dB Dynamic Range 66dB Image Format Mono8 ROI Support Gain 1~32 Garma From 0 to 4, support LUT Exposure Time 16μS~15S Trigger Mode Software Trigger/Hardware Trigger/Free Run Mode SPC Support Vest Setting Support two sets of user-defined configurations Image Buffer 215MB data storage Port CameraLink GFIO Interface 3x Opto-isolated input, 3x Opto-isolated output, 1x RS232 Lens Mount M58 x 0.75 Power Power Supply DC 24V power supply via 12 Hirose interface Power Consumption 24V≈6.83W Structure Net Weight 490 g Structure Storage Temperature -30°C~+80°C		Image Sensor	29.9 mm × 16.0 mm CMOS
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Mono/Color Mono		Frame Rate	17.5 fps
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Pixel SOMP S/N Ratio 40dB Dynamic Range 66dB Image Format Mono8 ROI Support Y Flip Support Gain 1~32 Gamma From 0 to 4, support LUT Exposure Time 16μS~15S Trigger Mode Software Trigger/Hardware Trigger/Free Run Mode SPC Support User Setting Support two sets of user-defined configurations Image Buffer 215MB data storage Port GameraLink GPIO Interface 3x Opto-isolated input, 3x Opto-isolated output, 1x RS232 Lens Mount M58 x 0.75 Power Power Supply DC 24V power supply via 12 Hirose interface Power Consumption 24V≈6.83W Product Dimensions 72mm*72mm*65mm(Not including rear case connector) Net Weight 490 g Environment Environment Storage Temperature -30°C~+80°C		Mono/Color	Mono
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Structure Net Weight 490 g Storage Temperature - 30°C~+80°C Environment		Power Consumption	24V≈6.83W
Net Weight 490 g Storage Temperature - 30°C~+80°C Environment − 30°C~+80°C	Structure	Product Dimensions	72mm*72mm*65mm(Not including rear case connector)
Environment		Net Weight	490 g
	Environment	Storage Temperature	- 30°C~+80°C
		Operating Temperature	- 30°C~+50°C



Connector Pin-out



Spectrogram

