Aries 6506

Aries 6506 is built on a back-illuminated sCMOS architecture and offers enhanced sensitivity, speed, and field of view. Its 22 mm imaging diagonal is optimized for standard microscope optics and delivers full-resolution output at up to 200 fps @ 5.8 MP. With multiple readout modes and a reliable high-speed interface, it excels in live-cell imaging and fast dynamic applications requiring high frame rates.



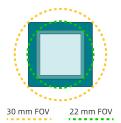
Key Features	Benefits Up to 95% QE and readout noise below 0.7e ⁻ , enabling single-photon detection		
Extreme Sensitivity Mode			
High-throughput Imaging [1]	22 mm FOV optimized for standard microscopes, delivering 200 fps @ 5.8 MP full resolution.		
High-Speed & High Dynamic Range	High-speed mode offers 1 Ke ⁻ or 20 Ke ⁻ full well options, balancing throughput and measurement accuracy.		
GigE Interface	High-speed, lossless data transmission with flexible cabling		
Reliable and Stable Cooling	Effectively suppresses dark current and signal fluctuation, ensuring system stability		

Typical Applications

- Super-Resolution Microscopy
- Light Sheet Microscopy
- Calcium Imaging
- Live-Cell Imaging
- High-Throughput Imaging
- Fluorescence Slide Scanning

Noted Examples

[1] Aries 6506 suits standard microscopes with a 22 mm field of view covering the center, offering better image quality. Its data throughput per frame is 2.8 times that of a typical sCMOS camera.



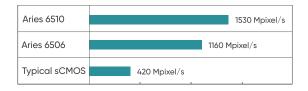
Typical sCMOS Diagonal: 18.8 mm Area: 13.3 mm x 13.3 mm

Aires 6506

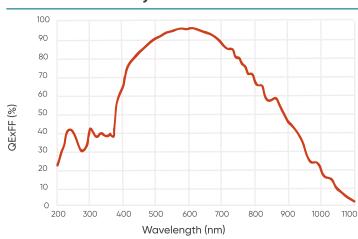
Diagonal: 22 mm Area: 15.7 mm x 15.7 mm

Aires 6510

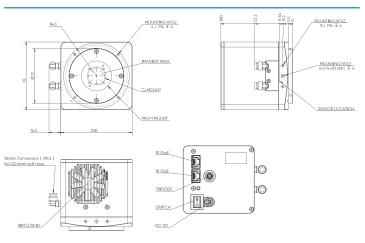
Diagonal: 29.4 mm Area: 20.8 mm x 20.8 mm



Quantum Efficiency



Dimensions (Unit: mm)



Specifications

Sensor Type BSI sCMOS Sensor Model Gpixel GSENSE 6510BSI Peak QE 95% Chrome Mono Array Diagonal 22 mm Effective Area 15.7 mm x 15.7 mm Resolution 24000 (H) x 2400 (V) Pixel Size 6.5 µm x 6.5 µm Readout Dynamic Speed Sensitivity Mode HDR High / Mid / Low gain Standard / Low Noise Bit Depth 16bit 11bit 12bit Frame Rate 111 fps 200 fps 117 fps / 69 fps Readout Noise (median) 1.8 e- 1.8 e- / 7.8 e- 1.3 e- / 0.7 e- Full Well Capacity 13.7 Ke- 1.24 Ke- / 4.5 Ke- / 20 Ke- 1.55 Ke- / 0.73 Ke- Dynamic Range 77 dB & Dynamic-HDR 1.55 Ke- / 0.73 Ke- 1.55 Ke- / 0.73 Ke- Dynamic Range 77 dB & Dynamic-HDR 1.55 Ke- / 0.73 Ke- 1.55 Ke- / 0.73 Ke- Shutter Mode Rolling, Global Reset Exposure Time 6 µs-10 s Coling Headon Air, Liquid Cooling Method Air, Liquid Cooling Temperat	Model	Aries 6506					
Peak QE 95% Chrome Mono Arroy Diagonal 22 mm Effective Area 15.7 mm x 15.7 mm Resolution 2400 (H) x 2400 (V) Pixel Size 6.5 μm x 6.5 μm Readout Dynamic Speed Sensitivity Mode HDR High / Mid / Low gain Standard / Low Noise Bit Depth 16bit Tibit 12bit Frame Rate 111 fps 200 fps 17 fps / 69 fps Readout Noise (median) 1.8 en 1.8 en 7.9 en 13 en 7.0 en 13 en 7.0 en 13 en 7.0 en 13 en 7.0 en 14 en 7.0 en 15 en 15 en 7.0 en 15 en	Sensor Type	BSI sCMOS					
Chrome Mono Array Diagonal 22 mm Effective Area 15.7 mm x 15.7 mm Resolution 2400 (H) x 2400 (V) Pixel Size 6.5 μm x 6.5 μm Readout Dynamic Speed Sensitivity Mode HDR High / Mid / Low gain Standard / Low Noise Bit Depth 16bit 11bit 12bit Frame Rate 111 fps 200 fps 117 fps / 6.9 fps Readout Noise (median) 1.8 e - 1.3.6 e - 7.98 e - 1.3 e - 7.07 e - 1.24 Ke - 7.4.5 Ke - 7.20 Ke - 1.25 Ke - 7.0.73 Ke - 1.24 Ke - 7.4.5 Ke - 7.20 Ke - 1.25 Ke - 7.0.73 Ke - 1.24 Ke - 7.4.5 Ke - 7.20 Ke - 1.25 Ke - 7.0.73 Ke - 1.24 Ke - 7.4.5 Ke - 7.20 Ke - 1.25 Ke - 7.0.73 Ke - 1.24 Ke - 7.4.5 Ke - 7.20 Ke - 1.25 Ke - 7.20 Ke	Sensor Model	Gpixel GSENSE 6510BSI	Gpixel GSENSE 6510BSI				
Array Diagonal 22 mm Effective Area 15.7 mm x 15.7 mm Resolution 2400 (H) x 2400 (V) Pixel Size 6.5 μm x 6.5 μm Readout Dynamic Speed Sensitivity Mode HDR High / Mid / Low gain Standard / Low Noise Bit Depth 18bit 11bit 12bit Frame Rate 111 fps 200 fps 117 fps / 6.9 fps Readout Noise (median) 1.8 e - 1.8 e - / 3.6 e - / 9.8 e - 1.3 e - / 0.7 e - 1.24 Ke - / 4.5 Ke - / 20 Ke - 1.55 Ke - / 0.73 Ke - Pull Well Capacity 1.7 Ke - 1.24 Ke - / 4.5 Ke - / 20 Ke - 1.55 Ke - / 0.73 Ke - 1.55 Ke - / 0.73 Ke - 1.55 Ke - / 0.73 Ke - Dynamic Range 77 dB @ Dynamic-HDR Shutter Mode Rolling, Global Reset 1.55 Ke - / 0.73 Ke - 1.55 Ke - / 0.75 Ke - 1.55 Ke - / 0.75 Ke - 1.55 Ke - / 0.75 Ke - 1.55 Ke - / 0.76 Ke - / 0.75 Ke - 1.55 Ke - / 0.76 Ke - / 0.75 Ke - / 0.7	Peak QE	95%	95%				
Effective Area 15.7 mm x 15.7 mm Resolution 2400 (H) x 2400 (V)	Chrome	Mono					
Resolution 2400 (H) x 2400 (V) Pixel Size 6.5 μm x 6.5 μm Readout Mode Dynamic HDR Speed Sensitivity Readout Mode HDR High / Mid / Low gain Standard / Low Noise Bit Depth 16bit 11bit 12bit Frame Rate 111 fps 200 fps 117 fps / 69 fps Readout Noise (median) 1.8 e- 1.8 e- / 9.8 e- 1.3 e- / 0.7 e- Full Well Capacity 13.7 Ke- 1.24 Ke- / 4.5 Ke- / 20 Ke- 1.55 Ke- / 0.73 Ke- Dynamic Range 77 dB @ Dynamic-HDR 1.55 Ke- / 0.73 Ke- 1.55 Ke- / 0.73 Ke- Dynamic Range 77 dB @ Dynamic-HDR 1.55 Ke- / 20 Ke- 1.55 Ke- / 0.73 Ke- Shutter Mode Rolling, Global Reset Exposure Time 6 μs-10 s Exposure Time 6 μs-10 s - 0.72 Ke- 1.25 Ke- / 0.73 Ke- 0.73 Ke- Dork Current 1.3 e- / 10 s - 10 s - 10 v (Liquid temperature 20°C) Dark Current 1.3 e- / pixel / s @ 0°C ; 0.6 e- / pixel / s @ - 10°C (Liquid temperature 20°C) Image Correction DPC Binning	Array Diagonal	22 mm					
Pixel Size	Effective Area	15.7 mm x 15.7 mm					
Readout Mode HDR High / Mid / Low gain Standard / Low Noise Bit Depth 16bit 11bit 12bit 12bit 17ame Rate 111 fps 200 fps 117 fps / 69 fps Readout Noise (median) 1.8 e- 1.8 e- / 3.6 e- / 9.8 e- 1.3 e- / 0.7 e- Full Well Capacity 13.7 Ke- 1.24 Ke- / 4.5 Ke- / 20 Ke- 1.55 Ke- / 0.73 Ke- Dynamic Range 77 dB @ Dynamic-HDR Shutter Mode Rolling, Global Reset Exposure Time 6 µs-10 s	Resolution	2400 (H) x 2400 (V)					
Mode HDR High / Mid / Low gain Standard / Low Noise Bit Depth 16bit 11bit 12bit Frame Rate 111 fps 200 fps 117 fps / 69 fps Readout Noise (median) 1.8 e- 1.8 e- / 3.6 e- / 9.8 e- 1.3 e- / 0.7 e- Full Well Capacity 13.7 Ke- 1.24 Ke- / 4.5 Ke- / 20 Ke- 1.55 Ke- / 0.73 Ke- Dynamic Range 77 dB @ Dynamic-HDR 1.55 Ke- / 0.73 Ke- Shutter Mode Rolling, Global Reset 1.55 Ke- / 0.73 Ke- Exposure Time 6 µs-10 s 1.60 Cyling Global Reset Cooling Method Air: 0°C (Ambient temperature 25°C), Liquid:-10°C (Liquid temperature 20°C) Dark Current 1.3 e- /pixel/s @ 0°C; 0.6 e- /pixel/s @ -10°C Image Correction DPC Binning 2 x 2, 4 x 4 ROI Support Timestamp Accuracy 1 µs Trigger Mode Hardware, Software Output Trigger Signals High, Low, Readout End, Global Exposure, Exposure Start, Trigger Ready, First Row, Any Row Trigger Interface Hirose-6-pin Data Interface 2 x 10 GigE Optical Interface C Mount	Pixel Size	6.5 μm x 6.5 μm					
Frame Rate 111 fps 200 fps 117 fps / 69 fps Readout Noise (median) 1.8 e- 1.8 e- / 3.6 e- / 9.8 e- 1.3 e- / 0.7 e- 1.24 Ke- / 4.5 Ke- / 20 Ke- 1.55 Ke- / 0.73 Ke- 20 Merico Range 77 dB ® Dynamic-HDR Shutter Mode Rolling, Global Reset Exposure Time 6 µs-10 s Cooling Method Air, Liquid Cooling Temperature Air: 0°C (Ambient temperature 25°C), Liquid:-10°C (Liquid temperature 20°C) Dark Current 1.3 e- / pixel / s @ 0°C ; 0.6 e- / pixel / s @ -10°C Image Correction DPC Binning 2 x 2, 4 x 4 ROI Support Timestamp Accuracy 1 µs Trigger Mode Hardware, Software High, Low, Readout End, Global Exposure, Exposure Start, Trigger Ready, First Row, Any Row Trigger Interface Hirose-6-pin Data Interface 2 x 10 GigE Optical Interface C Mount Power Supply 12 V / 8.5 A Power Consumption ≤ 55W Dimensions 95 mm (H) x 100 mm (W) x 100 mm (L) Weight 1350 g Software Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0 SDK C / C++ / C# / Python Operating System Windows, Linux			·	·			
Readout Noise (median) 1.8 e- Full Well Capacity 13.7 Ke- 1.24 Ke- / 4.5 Ke- / 20 Ke- 1.55 Ke- / 0.73 Ke- Dynamic Range 77 dB @ Dynamic-HDR Shutter Mode Rolling, Global Reset Exposure Time 6 µs-10 s Cooling Method Air, Liquid Cooling Temperature Air: 0°C (Ambient temperature 25°C), Liquid:-10°C (Liquid temperature 20°C) Dark Current 1.3 e-/pixel/s @ 0°C; 0.6 e-/pixel/s @ -10°C Image Correction DPC Binning 2 x 2, 4 x 4 ROI Support Timestamp Accuracy 1 µs Trigger Mode Hardware, Software High, Low, Readout End, Global Exposure, Exposure Start, Trigger Ready, First Row, Any Row Trigger Interface Hirose-6-pin Data Interface 2 x 10 GigE Optical Interface C Mount Power Supply 12 V / 8.5 A Power Consumption ≤ 55W Dimensions 95 mm (H) x 100 mm (W) x 100 mm (L) Weight 1350 g Software Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0 SDK C / C++ / C# / Python Operating System Windows, Linux	Bit Depth	16bit	11bit	12bit			
Full Well Capacity Dynamic Range 77 dB @ Dynamic-HDR Shutter Mode Rolling, Global Reset Exposure Time 6 μs-10 s Cooling Method Air, Liquid Cooling Temperature Air: 0°C (Ambient temperature 25°C), Liquid:-10°C (Liquid temperature 20°C) Dark Current 1.3 e-/pixel/s @ 0°C; 0.6 e-/pixel/s @ -10°C Image Correction DPC Binning 2 x 2, 4 x 4 ROI Support Timestamp Accuracy 1 μs Trigger Mode Hardware, Software High, Low, Readout End, Global Exposure, Exposure Start, Trigger Ready, First Row, Any Row Trigger Interface Data Interface C Mount Power Supply 12 V / 8.5 A Power Consumption Software Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0 SDK C / C++ / C# / Python Operating System Windows, Linux	Frame Rate	111 fps	200 fps	117 fps / 6.9 fps			
Dynamic Range 77 dB @ Dynamic-HDR Shutter Mode Rolling, Global Reset Exposure Time 6 μs-10 s Cooling Method Air, Liquid Cooling Temperature Air: 0°C (Ambient temperature 25°C), Liquid:-10°C (Liquid temperature 20°C) Dark Current 1.3 e-/pixel/s @ 0°C; 0.6 e-/pixel/s @ -10°C Image Correction DPC Binning 2 x 2 , 4 x 4 ROI Support Timestamp Accuracy 1 μs Trigger Mode Hardware, Software High, Low, Readout End, Global Exposure, Exposure Start, Trigger Ready, First Row, Any Row Trigger Interface Hirose-6-pin Data Interface 2 x 10 GigE Optical Interface C Mount Power Supply 12 V / 8.5 A Power Consumption ≤ 55W Dimensions 95 mm (H) x 100 mm (W) x 100 mm (L) Weight 1350 g Software Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0 SDK C / C++ / C# / Python Operating System Windows, Linux	Readout Noise (median)	1.8 e-	1.8 e- / 3.6 e- / 9.8 e-	1.3 e- / 0.7 e-			
Shutter Mode Exposure Time 6 µs-10 s Cooling Method Air, Liquid Cooling Temperature Air: 0°C (Ambient temperature 25°C), Liquid:-10°C (Liquid temperature 20°C) Dark Current 1.3 e-/pixel/s @ 0°C; 0.6 e-/pixel/s @ -10°C Image Correction DPC Binning 2 x 2, 4 x 4 ROI Support Timestamp Accuracy 1 µs Trigger Mode Hardware, Software Output Trigger Signals Trigger Ready, First Row, Any Row Trigger Interface Hirose-6-pin Data Interface 2 x 10 GigE Optical Interface C Mount Power Supply 12 V / 8.5 A Power Consumption ≤ 55W Dimensions 95 mm (H) x 100 mm (W) x 100 mm (L) Weight 1350 g Software Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0 SDK C / C++ / C# / Python Operating System Windows, Linux	Full Well Capacity	13.7 Ke-	1.24 Ke- / 4.5 Ke- / 20 Ke-	1.55 Ke- / 0.73 Ke-			
Exposure Time 6 μs-10 s Cooling Method Air, Liquid Cooling Temperature Air: 0°C (Ambient temperature 25°C), Liquid:-10°C (Liquid temperature 20°C) Dark Current 1.3 e-/pixel/s ⊚ 0°C; 0.6 e-/pixel/s ⊚ -10°C Image Correction DPC Binning 2 x 2, 4 x 4 ROI Support Timestamp Accuracy 1 μs Trigger Mode Hardware, Software Output Trigger Signals High, Low, Readout End, Global Exposure, Exposure Start, Trigger Ready, First Row, Any Row Trigger Interface Hirose-6-pin Data Interface 2 x 10 GigE Optical Interface C Mount Power Supply 12 V / 8.5 A Power Consumption ≤ 55W Dimensions 95 mm (H) x 100 mm (W) x 100 mm (L) Weight 1350 g Software Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0 SDK C / C++ / C# / Python Operating System Windows, Linux	Dynamic Range	77 dB @ Dynamic-HDR					
Cooling Method Air, Liquid Cooling Temperature Air: 0°C (Ambient temperature 25°C), Liquid:-10°C (Liquid temperature 20°C) Dark Current 1.3 e-/pixel/s @ 0°C; 0.6 e-/pixel/s @ -10°C Image Correction DPC Binning 2 x 2, 4 x 4 ROI Support Timestamp Accuracy 1 μs Trigger Mode Hardware, Software Output Trigger Signals High, Low, Readout End, Global Exposure, Exposure Start, Trigger Ready, First Row, Any Row Trigger Interface Hirose-6-pin Data Interface 2 x 10 GigE Optical Interface C Mount Power Supply 12 V / 8.5 A Power Consumption ≦ 55W Dimensions 95 mm (H) x 100 mm (W) x 100 mm (L) Weight 1350 g Software Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0 SDK C / C++ / C# / Python Operating System Windows, Linux	Shutter Mode	Rolling, Global Reset					
Air: 0°C (Ambient temperature 25°C), Liquid:-10°C (Liquid temperature 20°C) Dark Current 1.3 e-/pixel/s @ 0°C; 0.6 e-/pixel/s @ -10°C Image Correction DPC Binning 2 x 2, 4 x 4 ROI Support Timestamp Accuracy 1 µs Trigger Mode Hardware, Software High, Low, Readout End, Global Exposure, Exposure Start, Trigger Ready, First Row, Any Row Trigger Interface Data Interface Output Trigce 2 x 10 GigE Optical Interface C Mount Power Supply 12 V / 8.5 A Power Consumption ≤ 55W Dimensions 95 mm (H) x 100 mm (W) x 100 mm (L) Weight 1350 g Software Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0 SDK C / C++ / C# / Python Operating System Windows, Linux	Exposure Time	6 μs-10 s					
Dark Current 1.3 e-/pixel/s @ 0°C; 0.6 e-/pixel/s @ -10°C Image Correction DPC Binning 2 x 2, 4 x 4 ROI Support Timestamp Accuracy 1 μs Trigger Mode Hardware, Software Output Trigger Signals High, Low, Readout End, Global Exposure, Exposure Start, Trigger Ready, First Row, Any Row Trigger Interface Hirose-6-pin Data Interface 2 x 10 GigE Optical Interface C Mount Power Supply 12 V / 8.5 A Power Consumption ≤ 55W Dimensions 95 mm (H) x 100 mm (W) x 100 mm (L) Weight 1350 g Software Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0 SDK C / C++ / C# / Python Operating System Windows, Linux	Cooling Method	Air, Liquid					
Image CorrectionDPCBinning2 x 2, 4 x 4ROISupportTimestamp Accuracy1 μsTrigger ModeHardware, SoftwareOutput Trigger SignalsHigh, Low, Readout End, Global Exposure, Exposure Start, Trigger Ready, First Row, Any RowTrigger InterfaceHirose-6-pinData Interface2 x 10 GigEOptical InterfaceC MountPower Supply12 V / 8.5 APower Consumption≤ 55WDimensions95 mm (H) x 100 mm (W) x 100 mm (L)Weight1350 gSoftwareMosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0SDKC / C++ / C# / PythonOperating SystemWindows, Linux	Cooling Temperature	Air: 0°C (Ambient temperature 25°C), Liquid:-10°C (Liquid temperature 20°C)					
Binning 2 x 2, 4 x 4 ROI Support Timestamp Accuracy 1 μs Trigger Mode Hardware, Software Output Trigger Signals Hirose-6-pin Data Interface Hirose-6-pin Data Interface C Mount Power Supply 12 V / 8.5 A Power Consumption ≤ 55W Dimensions 95 mm (H) x 100 mm (W) x 100 mm (L) Weight 1350 g Software Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0 SDK C / C++ / C# / Python Operating System Windows, Linux	Dark Current	1.3 e-/pixel/s @ 0°C ; 0.6 e-/pixel/s @ -10°C					
ROI Timestamp Accuracy Tigger Mode Hardware, Software Output Trigger Signals Trigger Ready, First Row, Any Row Trigger Interface Hirose-6-pin Data Interface Optical Interface C Mount Power Supply 12 V / 8.5 A Power Consumption ≥ 55W Dimensions 95 mm (H) x 100 mm (W) x 100 mm (L) Weight 1350 g Software Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0 SDK C / C++ / C# / Python Operating System Windows, Linux	Image Correction	DPC					
Timestamp Accuracy Trigger Mode Hardware, Software Output Trigger Signals Trigger Ready, First Row, Any Row Trigger Interface Data Interface Optical Interface C Mount Power Supply 12 V / 8.5 A Power Consumption Dimensions 95 mm (H) x 100 mm (W) x 100 mm (L) Weight 1350 g Software Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0 SDK C / C++ / C# / Python Operating System	Binning	2 x 2, 4 x 4					
Trigger Mode Output Trigger Signals High, Low, Readout End, Global Exposure, Exposure Start, Trigger Ready, First Row, Any Row Trigger Interface Data Interface Optical Interface C Mount Power Supply 12 V / 8.5 A Power Consumption ≤ 55W Dimensions 95 mm (H) x 100 mm (W) x 100 mm (L) Weight 1350 g Software Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0 SDK C / C++ / C# / Python Operating System Windows, Linux	ROI	Support					
Output Trigger SignalsHigh, Low, Readout End, Global Exposure, Exposure Start, Trigger Ready, First Row, Any RowTrigger InterfaceHirose-6-pinData Interface2 x 10 GigEOptical InterfaceC MountPower Supply12 V / 8.5 APower Consumption≤ 55WDimensions95 mm (H) x 100 mm (W) x 100 mm (L)Weight1350 gSoftwareMosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0SDKC / C++ / C# / PythonOperating SystemWindows, Linux	Timestamp Accuracy	1 μs					
Output Trigger Signals Trigger Ready, First Row, Any Row Trigger Interface Hirose-6-pin Data Interface 2 x 10 GigE Optical Interface C Mount Power Supply 12 V / 8.5 A Power Consumption ≤ 55W Dimensions 95 mm (H) x 100 mm (W) x 100 mm (L) Weight 1350 g Software Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0 SDK C / C++ / C# / Python Operating System Windows, Linux	Trigger Mode	Hardware, Software					
Data Interface 2 x 10 GigE Optical Interface C Mount Power Supply 12 V / 8.5 A Power Consumption ≤ 55W Dimensions 95 mm (H) x 100 mm (W) x 100 mm (L) Weight 1350 g Software Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0 SDK C / C++ / C# / Python Operating System Windows, Linux	Output Trigger Signals						
Optical Interface C Mount Power Supply 12 V / 8.5 A Power Consumption ≦ 55W Dimensions 95 mm (H) x 100 mm (W) x 100 mm (L) Weight 1350 g Software Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0 SDK C / C++ / C# / Python Operating System Windows, Linux	Trigger Interface	Hirose-6-pin					
Power Supply12 V / 8.5 APower Consumption≤ 55WDimensions95 mm (H) x 100 mm (W) x 100 mm (L)Weight1350 gSoftwareMosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0SDKC / C++ / C# / PythonOperating SystemWindows, Linux	Data Interface	2 x 10 GigE					
Power Consumption ≤ 55W Dimensions 95 mm (H) x 100 mm (W) x 100 mm (L) Weight 1350 g Software Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0 SDK C / C++ / C# / Python Operating System Windows, Linux	Optical Interface	C Mount					
Dimensions 95 mm (H) x 100 mm (W) x 100 mm (L) Weight 1350 g Software Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0 SDK C / C++ / C# / Python Operating System Windows, Linux	Power Supply	12 V / 8.5 A					
Weight1350 gSoftwareMosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0SDKC / C++ / C# / PythonOperating SystemWindows, Linux	Power Consumption	≦ 55W					
Software Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0 SDK C / C++ / C# / Python Operating System Windows, Linux	Dimensions	95 mm (H) x 100 mm (W) x 100 mm (L)					
SDK C / C++ / C# / Python Operating System Windows, Linux	Weight	1350 g					
Operating System Windows, Linux	Software	Mosaic V3, SamplePro, LabVIEW, MATLAB, Micro-manager 2.0					
	SDK	C / C++ / C# / Python					
	Operating System	Windows, Linux					
Operating Environment Working: Temp. 0~40 °C, HUM 10~85%; Storage: Temp. 0~60 °C, HUM 0~90%	Operating Environment	Working: Temp. 0~40 °C, F	Working: Temp. 0~40 °C, HUM 10~85%; Storage: Temp. 0~60 °C, HUM 0~90%				