

SWIR CAMERAS

InGaAs CAMERA

Wavelength(nm)	Model Name	Cooling	Pixels	Sensor Manufacturer	Optical Format	Active Pixels	Pixel Size(μm)	Frame Rate	Exposure Time(Sec)	Shutter Type	Trigger	Interface	
400 ~ 1700	ARTCAM-992SWIR-TEC	○	5.24M	SONY	8.83×7.06mm	2560×2048	3.45(H)×3.45(V)	67fps 33.5fps (8bit) (12bit)	13.04μs ~ 2s (8bit) (12bit)	Global	○	USB3.0 Camera Link	
	ARTCAM-992SWIR	-	3.14M					94fps 47fps (8bit) (12bit)				26.08μs ~ 2s (12bit)	USB3.0 Camera Link
	ARTCAM-993SWIR-TEC	○	1.31M					134fps 72fps (8bit) (12bit)				20.3μs ~ 2s	USB3.0 Camera Link
	ARTCAM-993SWIR	-	0.32M					258fps 137fps (8bit) (12bit)				20.3μs ~ 2s	USB3.0 Camera Link
900 ~ 1700	ARTCAM-990SWIR	○	0.32M	SONY	3.2×2.56mm	640×512	5(H)×5(V)	131fps 59fps (8bit) (12bit)	0.1ms ~ 123s	Global	○	USB3.0 Camera Link	
	ARTCAM-130SWIR	-	0.08M					62fps				7.33ms ~ 0.48s	USB3.0 Camera Link
	ARTCAM-991SWIR-TEC	○	0.016M					27fps				1μs ~ 1s	USB2.0 Camera Link
	ARTCAM-991SWIR	-	0.016M					228fps				5.4μs ~ 4.41s	USB2.0 Camera Link
950 ~ 1700	ARTCAM-131TNIR-TEC	○	0.32M	CHUNGHWA LEADING PHOTONICS TECH	9.68×7.68mm	320×256	15(H)×15(V)	131fps 59fps (8bit) (12bit)	0.1ms ~ 1.27s	Global	○	USB3.0 Camera Link	
	ARTCAM-131TNIR	-	0.08M					62fps				7.33ms ~ 0.48s	USB3.0 Camera Link
	ARTCAM-032TNIR	-	0.016M					27fps				1μs ~ 1s	USB2.0 Camera Link
	ARTCAM-031TNIR	-	0.016M					228fps				5.4μs ~ 4.41s	USB2.0 Camera Link
1000 ~ 2500	ARTCAM-009TNIR	-	0.08M	CHUNGHWA LEADING PHOTONICS TECH	6.4×5.12mm	320×256	20(H)×20(V)	90fps	38.9μs ~ 1.27s	Global	○	Camera Link	
	ARTCAM-008TNIR	-	0.08M					320fps				1ms ~ 3ms	Camera Link
	ARTCAM-2500SWIR	○	0.016M					1ms ~ 15ms				1μs ~ 0.01s	Camera Link
	ARTCAM-2350SWIR	○	0.016M					1μs ~ 0.01s				1μs ~ 0.01s	Camera Link
950 ~ 1700	ARTCAM-0016TNIR-TEC	○	0.016M	HAMAMATSU	2.56×2.56mm	128×128	20(H)×20(V)	258fps	1μs ~ 0.01s	Global	○	USB2.0	
	ARTCAM-0016TNIR	-	0.016M					258fps				1μs ~ 0.01s	USB2.0

SWIR LENS

Manufacturer	Focal Length	Image Format	Model Name	F No.	Mount
computer VISIR ASB	SWIR Transmission from 400 ~ 1700nm	Aplanomat type			
	8mm	1/1.4"	M0818-APVSW2	F1.8	C
	12mm	1/1.4"	M1218-APVSW2	F1.8	C
	16mm	1/1.4"	M1618-APVSW2	F1.8	C
computer VISIR Life	SWIR Transmission from 400 ~ 1700nm				
	5mm	1/2"	H0514-VSW	F1.4	C
	8mm	2/3"	M0814-VSW	F1.4	C
	12mm	2/3"	M1214-VSW	F1.4	C
SPACELINK	SWIR Transmission from 900 ~ 1700nm				
	16mm	2/3"	M1614-VSW	F1.4	C
	25mm	2/3"	M2514-VSW	F1.4	C
	35mm	2/3"	M3514-VSW	F1.4	C
TAMRON	SWIR Transmission from 400 ~ 1700nm	Aplanomat type			
	6mm	1"	VHF6M-MP SWIR	F1.8	C
	8mm	1"	VHF8M-MP SWIR	F1.4	C
	12.5mm	1"	VHF12.5M-MP SWIR	F1.4	C
VS TECHNOLOGY	SWIR Transmission from 700 ~ 2000nm				
	6mm	1"	VS-0618H1-SWIR	F1.8	C
	8mm	1"	VS-0814H1-SWIR	F1.4	C
	12mm	1"	VS-1214H1-SWIR	F1.4	C
Kowa	SWIR Transmission from 450 ~ 2000nm	Focus shift type			
	8mm	1"	LM8HC-VIS-SW	F1.8	C
	12mm	1"	LM12HC-VIS-SW	F1.8	C
	16mm	1"	LM16HC-VIS-SW	F1.8	C
ISO 9001	SWIR Transmission from 800 ~ 1900nm				
	25mm	1"	LM25HC-VIS-SW	F1.8	C
	35mm	1"	LM35HC-VIS-SW	F1.8	C
	50mm	1"	LM50HC-VIS-SW	F2.5	C
ARTRAY	SWIR Transmission from 700 ~ 2000nm				
	8mm	1"	LM8HC-SW	F1.4	C
	12.5mm	1"	LM12HC-SW	F1.4	C
	16mm	1"	LM16HC-SW	F1.4	C
ARTRAY	SWIR Transmission from 700 ~ 2000nm				
	25mm	1"	LM25HC-SW	F1.4	C
	35mm	1"	LM35HC-SW	F1.4	C
	50mm	1"	LM50HC-SW	F1.4	C

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ARTRAY

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ARTRAY

PRODUCTS INFORMATION

ENGLISH VERSION



- InGaAs Camera
- InGaAs Line Scan Camera
- UV Camera
- USB3.0 Camera
- USB2.0 Camera
- Board Camera
- RGB-IR Camera
- Mini Camera

ARTRAY: Delivering Advanced Imaging Solutions with Innovation and Excellence

About Us

ARTRAY was founded in 1989. Since its establishment, Artray has been specializing in image interface technology, offering unique vision applications and products such as USB3.0 cameras, USB2.0 cameras, Direct monitor output cameras, SerialATA cameras, LVDS-USB converters, Device drivers and customized hardware/software applications.

Our Business



- Design, development, and sales of digital imaging-related devices and software
- Custom camera design and development
- Serial interface-related development
- FPGA logic design for imaging applications
- EMS (Electronics Manufacturing Services)
- Application development

Corporate Philosophy

Provide unique and innovative imaging devices
 Build trust and unity with customers
 Enhance employee satisfaction

ARTRAY leverages advanced technology, creative proposals, and innovative ideas to meet the demands of a diverse and rapidly evolving market. Our mission is to provide high-quality products and ensure customer satisfaction.

Company Profile

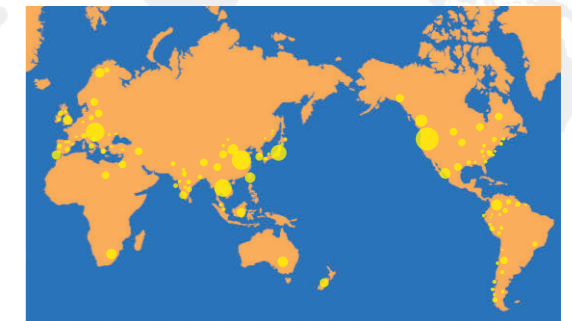
Company Name: ARTRAY CO., LTD.
 Established: November, 1989
 Capital: ¥55,000,000
 President: Katsumi Komori

Tokyo Head Office
 1-17-5 Kouenji-kita, Suginami-ku, Tokyo, 166-0002, Japan
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Global Reach

For years, we have actively distributed our products worldwide, establishing a growing market share for our industrial cameras. This success stems from strong and enduring partnerships with our international distributors.

Our innovative products are showcased at major exhibitions all over the world, consistently earning praise for their originality and user-friendly design.

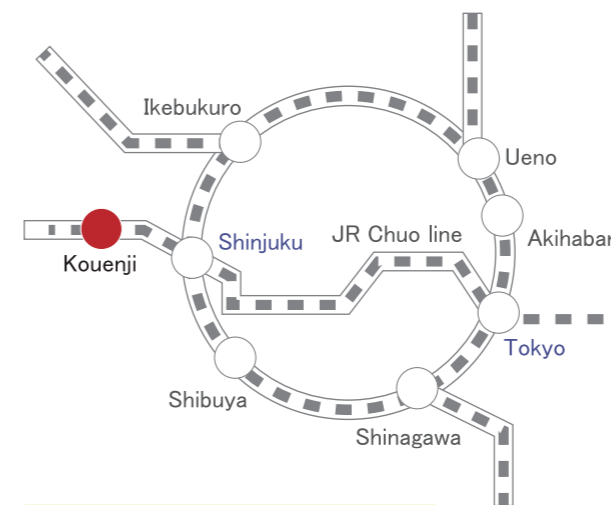


Customers

Trusted by over 1,500 customers worldwide.

Access

20 minutes from Tokyo Station to Kouenji Station via JR Chuo Line (note: special rapid trains do not stop at Kouenji Station).
 7-minute walk from Kouenji Station North Exit.
 15-minute walk from Nakano Station North Exit.



Contact Us In



ARTRAY



Quality Assurance Management

To ensure the delivery of superior products with consistent quality and reliability, ARTRAY has obtained ISO9001 certification for all departments, including development, sales, and production management.

SWIR CAMERA

InGaAs Camera

400 ~ 1700nm



Free SDK
(Software Development Kit)



Cooling type

Dimensions : 71.6 × 61.5 × 78.0mm
Weight : 440g

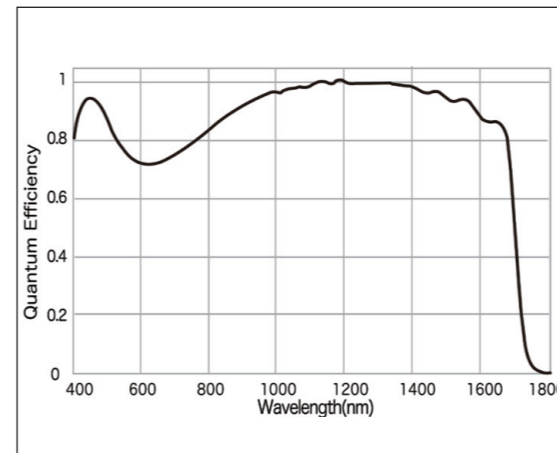


Non-Cooling type

Dimensions : 50.0 × 47.0 × 42.7mm
Weight : 110g

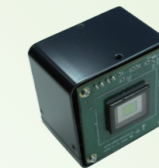


Cameras equipped with SONY IMX992, IMX993, IMX990, IMX991 InGaAs sensor.



Various types of board-level cameras are available!

Board-level Camera with C-mount



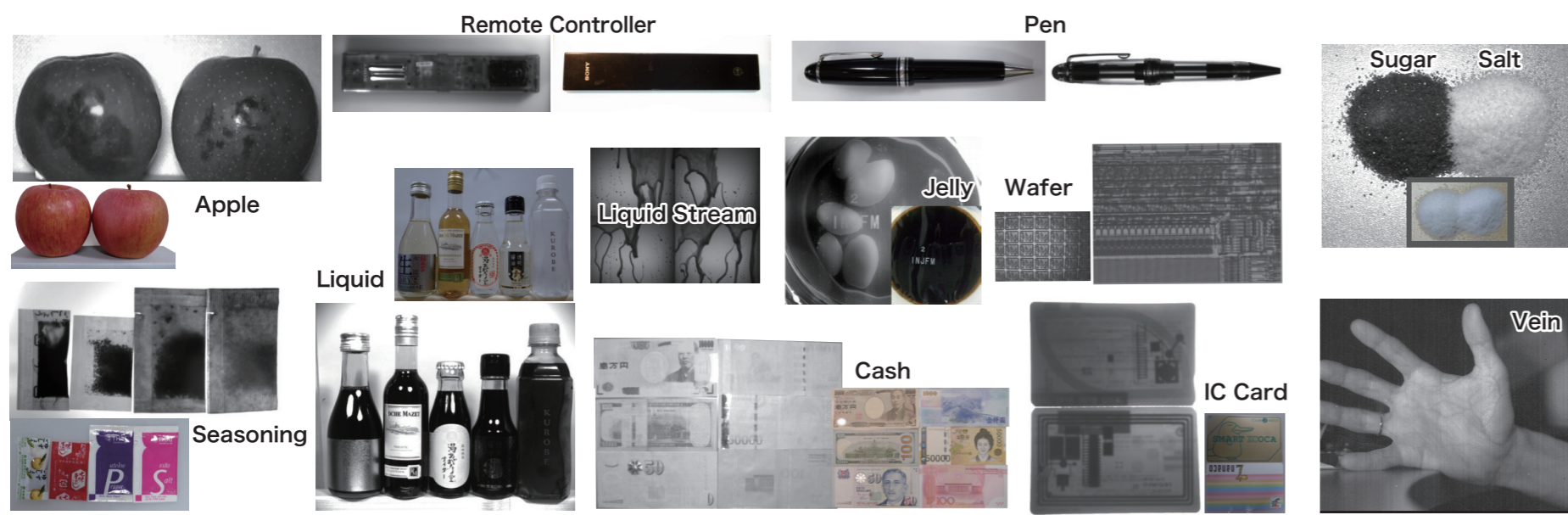
Board-level Camera with Case & without lens mount

Board-level Camera without lens mount



- ※Sensor cover glass can be removed, replaced or mounted slantingly.
- ※The lens mount is optional, CS mount, F mount, and other mounts are also available.
- ※Cooling type is with a cooling fan. The fanless type is also available.

Pixels	Model Name	Sensor	Wavelength	Cooling Function	Pixel Size	Image Size	Frame Rate	Interface	Exposure time	Shutter type	Lens Mount	Trigger		
5.24MP 2560 × 2048	ARTCAM-992SWIR-TEC	SONY IMX992-AABA-C SenSWIR	400 ~ 1700nm	○	3.45 × 3.45 μm	8.83 × 7.06mm	67fps (8bit) 33.5fps (12bit)	US3 VISION, CAMERA Link, GIG E VISION, USB3.0	13.04 μs ~ 2s (8bit) 26.08 μs ~ 2s (12bit)	Global	C-Mount	○		
	ARTCAM-992SWIR	SONY IMX992-AABJ-C SenSWIR		-										
3.14MP 2048 × 1536	ARTCAM-993SWIR-TEC	SONY IMX993-AABA-C SenSWIR		○			-	7.06 × 5.29mm					94fps (8bit) 47fps (12bit)	US3 VISION, CAMERA Link, GIG E VISION, USB3.0
	ARTCAM-993SWIR	SONY IMX993-AABJ-C SenSWIR		-										
1.31MP SXGA 1280 × 1024	ARTCAM-990SWIR-TEC	SONY IMX990-AABA-C SenSWIR		○			-	6.4 × 5.12mm					134fps (8bit) 72fps (12bit)	US3 VISION, CAMERA Link, GIG E VISION, USB3.0
	ARTCAM-990SWIR	SONY IMX990-AABJ-C SenSWIR		-										
0.32MP VGA 640 × 512	ARTCAM-991SWIR-TEC	SONY IMX991-AABA-C SenSWIR		○	-	5 × 5 μm	3.2 × 2.56mm	258fps (8bit) 137fps (12bit)	US3 VISION, CAMERA Link, GIG E VISION, USB3.0	20.3 μs ~ 2s				
	ARTCAM-991SWIR	SONY IMX991-AABJ-C SenSWIR		-										
	ARTCAM-991SWIR-WOM	SONY IMX991-AABJ-C SenSWIR		-				○	USB2.0					



※The frame rate and exposure rate are based on the USB3.0 interface.

Pixels	Model Name	Sensor	Wavelength	Pixel Size	Image size	Frame Rate	Interface
1280 × 1024	ARTCAM-130SWIR	scl	400 ~ 1700nm	10 × 10 μm	12.8 × 10.24mm	30fps	USB3.0 Camera Link
	ARTCAM-131TNIR-TEC	CHUNGHWA LEADING PHOTONICS TECH	900 ~ 1700nm	15 × 15 μm	9.6 × 7.68 mm	263fps	USB3.0
640 × 512	ARTCAM-131TNIR	CHUNGHWA LEADING PHOTONICS TECH	900 ~ 1700nm	15 × 15 μm	9.6 × 7.68 mm		
	320 × 256	ARTCAM-032TNIR	HAMAMATSU	950 ~ 1700nm	20 × 20 μm	12.8 × 10.24mm	62fps
ARTCAM-031TNIR		CHUNGHWA LEADING PHOTONICS TECH	900 ~ 1700nm	25 × 25 μm	16.0 × 12.8 mm	27fps	USB2.0
128 × 128	ARTCAM-009TNIR	HAMAMATSU	950 ~ 1700nm	20 × 20 μm	6.4 × 5.12mm	228fps	USB3.0 Camera Link
	ARTCAM-008TNIR	CHUNGHWA LEADING PHOTONICS TECH	900 ~ 1700nm	30 × 30 μm	9.6 × 7.68mm	90fps	USB2.0
ARTCAM-0016TNIR-TEC	HAMAMATSU	950 ~ 1700nm	20 × 20 μm	2.56 × 2.56mm	258fps		
ARTCAM-0016TNIR	HAMAMATSU	950 ~ 1700nm	20 × 20 μm	2.56 × 2.56mm			

UV Camera

8.1 MP

ARTCAM-487UV

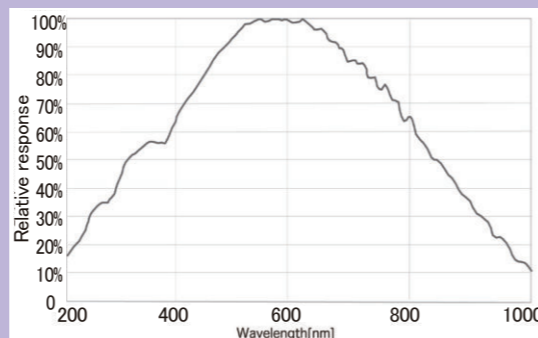
Sensor Type : **SONY** IMX487(Back Illuminated CMOS)
 Shutter Type : Global Shutter
 Resolution : 2848(H)×2848(V)
 Image Size(mm) : 7.80(H)×7.80(V)
 Interface : Camera Link · USB3.0
 Pixel Size(μm) : 2.74(H)×2.74(V)
 Frame Rate : 41fps (8bit) 20fps (16bit)
 Optical Format : 2/3inch
 A/D Converter : 12bit
 Exposure Time : 10μs ~ 2s
 Dimensions(mm) : 50.0(W)×47.0(H)×42.7(D)
 Weight(g) : 130



Free SDK
(Software Development Kit)

Pregius S

200~1000nm



4 MP

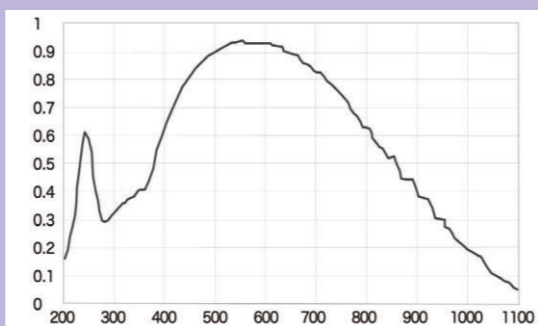
ARTCAM-2020UV

Sensor Type : CMOS
 Shutter Type : Rolling Shutter
 Resolution : 2048(H)×2048(V)
 Image Size(mm) : 13.3(H)×13.3(V)
 Interface : Camera Link · USB3.0
 Pixel Size(μm) : 6.5(H)×6.5(V)
 Frame Rate : 21.5fps
 Optical Format : 1inch
 A/D Converter : 12bit
 Exposure Time : 112μs ~ 2s
 Dimensions(mm) : 71.6(W)×61.5(H)×51.5(D)
 Weight(g) : 240



Free SDK
(Software Development Kit)

200~1100nm



1.3 MP

ARTCAM-9701UV

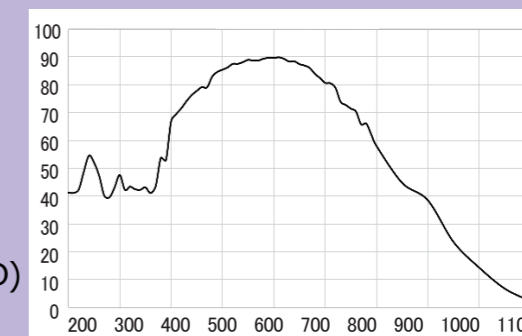
Sensor Type : CMOS
 Shutter Type : Rolling Shutter
 Resolution : 1280(H)×1024(V)
 Image Size(mm) : 12.49(H)×9.99(V)
 Interface : USB3.0
 Pixel Size(μm) : 9.76(H)×9.76(V)
 Frame Rate : 25fps
 Optical Format : 1inch
 A/D Converter : 12bit
 Exposure Time : 37μs ~ 2s
 Dimensions(mm) : 50.0(W)×47.0(H)×42.7(D)
 Weight(g) : 110



Free SDK
(Software Development Kit)



200~1000nm



1.5 MP

ARTCAM-407UV-WOM

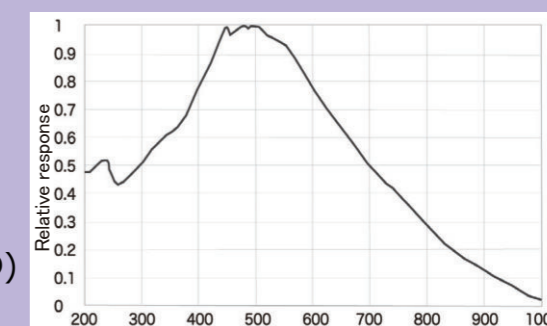
Sensor Type : **SONY** CCD
 Shutter Type : Global Shutter
 Resolution : 1360(H)×1024(V)
 Image Size(mm) : 6.47(H)×4.83(V)
 Interface : USB2.0
 Pixel Size(μm) : 4.65(H)×4.65(V)
 Frame Rate : 12fps
 Optical Format : 1/2inch
 A/D Converter : 10bit
 Exposure Time : 16.9μs ~ 80ms
 Dimensions(mm) : 50(W)×47(H)×49.7(D)
 Weight(g) : 120

USB2.0

Free SDK
(Software Development Kit)



200~900nm



High Resolution UV Transmission

Focal Length	Image Format	Model Name	F No.	Mount
12mm	2/3"	UV120HR	F4	C
25mm	2/3"	UV250HR	F4	C
25mm	2/3"	UV2501A	F2.0-11	C

UV Transmission from 230nm ~ Visible light

Focal Length	Image Format	Model Name	F No.	Mount
6mm	1/2"	UV0635BCM	F3.5-16	C
9mm	1/2"	UV0928CM2	F2.8-16	C
12mm	2/3"	UV1228CM	F2.8-16	C
16mm	2/3"	UV1628CM	F2.8-16	C
25mm	1"	UV2528B	F2.8-16	C
35mm	φ22mm	UV3528BK	F2.8-16	C
50mm	φ18mm	UV5035BK	F3.5-16	C
78mm	φ18mm	UV8040BK2	F3.8-16	C
105mm	φ18mm	UV1054B	F4.0-22	C

Sensor cover glass can be removed, replaced or mounted slantingly. Please contact us for more information.

USB 3.0 CMOS Camera



Free SDK
(Software Development Kit)

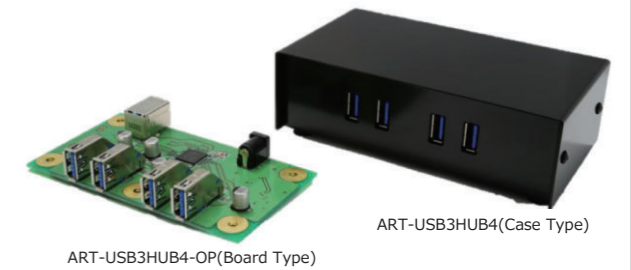
Optional Items
• 2 Dimension measurement software



Industrial USB hub

Strong case type and built-in board type
You can choose from two types.

[Specifications]
USB port: USB 3.0 - A female x 4
Power supply: 5 V (power adapter included)



onsemi Sensor Series

Model Name	Pixels	Type			Sensor	Active Image Size (mm) Optical Size (μm)	Active Pixels	Pixel Size (μm)	Shutter Type	Lens Mount	Frame Rate	Esposure Time (Sec)	Power Supply	Dimensions (W × H × D)
		Color	Mono	NIR										
ARTCAM-1400MI-USB3-T2	14M	Color			onsemi	6.14(H) × 4.60(V) 1/2.3"	4608(H) × 3288(V)	1.4(H) × 1.4(V)	Rolling	C-Mount	6fps	1/10000~2	DC5V (Supplied from USB Port)	50 × 47 × 53.4mm
ARTCAM-1000MI-USB3-T2	10M	Color		NIR		6.41(H) × 4.59(V) 1/2.3"	3856(H) × 2764(V)	1.67(H) × 1.67(V)			6fps	1/10000~2		50 × 47 × 53.4mm
ARTCAM-500MI-USB3-T2	5M	Color		NIR		5.70(H) × 4.28(V) 1/2.5"	2592(H) × 1944(V)	2.2(H) × 2.2(V)			13.9fps	1/10000~2		50 × 47 × 53.4mm

SONY Sensor Series

Model Name	Pixels	Type			Sensor	Active Image Size (mm) Optical Size (μm)	Active Pixels	Pixel Size (μm)	Shutter Type	Lens Mount	Frame Rate	Esposure Time (Sec)	Power Supply	Dimensions (W × H × D)
		Color	Mono	NIR										
ARTCAM-226IMX-USB3-T2	12M	Color		NIR	SONY STARVIS	7.53(H) × 5.63(V) 1/1.7"	4072(H) × 3046(V)	1.85(H) × 1.85(V)	Rolling	C-Mount	27.9fps	1/10000~0.0352	DC5V (Supplied from USB Port)	50 × 47 × 42.7mm
ARTCAM-536IMX-USB3-T2	8.1M	Color		NIR	SONY Pregius	7.80(H) × 7.80(V) 2/3"	2848(H) × 2848(V)	2.74(H) × 2.74(V)	Global		38fps	1/90909~2		
ARTCAM-250IMX-USB3-T2	5M	Color		NIR		8.50(H) × 7.09(V) 2/3"	2464(H) × 2056(V)	3.45(H) × 3.45(V)			59fps	1/1000~3.276		
ARTCAM-264IMX-USB3-T2	5M	Color		NIR		8.50(H) × 7.09(V) 2/3"	2464(H) × 2056(V)	3.45(H) × 3.45(V)			36fps	1/10000~0.7		
ARTCAM-252IMX-USB3-T2	3M	Color		NIR		7.12(H) × 5.32(V) 1/1.8"	2064(H) × 1554(V)	3.45(H) × 3.45(V)			98.3fps	1/10000~3		
ARTCAM-265IMX-USB3-T2	3M	Color		NIR		7.12(H) × 5.32(V) 1/1.8"	2064(H) × 1554(V)	3.45(H) × 3.45(V)			55.6fps	1/10000~3		
ARTCAM-174IMX-USB3-T2	2.3M	Color		NIR		11.25(H) × 7.03(V) 1/1.2"	1920(H) × 1200(V)	5.86(H) × 5.86(V)			86fps	1/41666~1/86.65		
ARTCAM-273IMX-USB3-T2	1.55M	Color		NIR		5.02(H) × 3.75(V) 1/2.9"	1456(H) × 1088(V)	3.45(H) × 3.45(V)			218fps	1/10000~0.1		

Canon Sensor Series

Model Name	Pixels	Type			Sensor	Active Image Size (mm) Optical Size (μm)	Active Pixels	Pixel Size (μm)	Shutter Type	Lens Mount	Frame Rate	Esposure Time (Sec)	Power Supply	Dimensions (W × H × D)
		Color	Mono	NIR										
ARTCAM-8030-USB3	410M	Color			Canon	36.88(H) × 25.05(V) 35mm Full Size	24592(H) × 16704(V)	1.5(H) × 1.5(V)	Rolling	TBD	TBD	TBD	DC12V (Supplied from External AC Adaptor)	TBD
ARTCAM-8020-USB3	250M	Color				29.35(H) × 18.88(V) APS-H	19568(H) × 12588(V)	1.5(H) × 1.5(V)		M58/F-Mount	1.2fps	1/10000~1		90 × 80 × 43mm
ARTCAM-5030-USB3	19M	Color				36.40(H) × 21.35(V) 35mm Full Size	5688(H) × 3336(V)	6.4(H) × 6.4(V)	Global	M58/F-Mount	20fps(8bit) 10fps(16bit)	1/5165~1	DC5V (Supplied from USB Port)	90 × 80 × 43mm
ARTCAM-5040-USB3	5.33M	Color				8.81(H) × 6.99(V) 2/3"	2592(H) × 2056(V)	3.4(H) × 3.4(V)		C-Mount	74fps(8bit) 37fps(16bit)	1/10000~1		80 × 65 × 37.3mm
ARTCAM-3030-USB3	2.7M	Color				41.04(H) × 24.32(V) 35mm Full Size	2160(H) × 1280(V)	19(H) × 19(V)	Rolling	M58/F-Mount	60fps (8bit·16bit)	1/10000~2	DC12V (Supplied from External AC Adaptor)	90 × 80 × 53mm
ARTCAM-7050-USB3	2M	Color				7.94(H) × 4.49(V) 1/1.8"	1936(H) × 1096(V)	4.1(H) × 4.1(V)		C-Mount	60fps (8bit·16bit)	1/10000~1		50 × 47 × 42.7mm

Sensor cover glass can be removed, replaced or mounted slantingly. Please contact us for more information.

Color sensor + SWIR cut filter	RGB-IR
Monochrome sensor (No filter)	NAKED
Monochrome sensor + Visible light cut filter	

USB 2.0 CMOS Camera

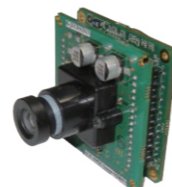


Board type

※Available for all USB 2.0 series

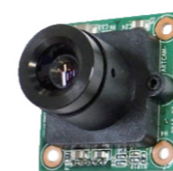


C-Mount type Board Camera
(Lens not included)



Board camera
(M12 × P0.5 f=8.8mm
Lens included)

UVC type



ARTCAM-800SN-OP
ARTCAM-0134ARSS-UVC-OP



ARTCAM-200PA-OP



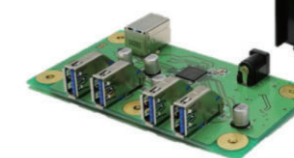
※Please contact us for case type.



Industrial USB hub

Strong case type and built-in board type
You can choose from two types.

[Specifications]
USB port: USB 3.0 - A female x 4
Power supply: 5 V (power adapter included)



ART-USB3HUB4-OP(Board Type)



ART-USB3HUB4(Case Type)

USB2.0 Camera

Free SDK
(Software Development Kit)

Optional Items
•2 Dimension measurement software

Model	Pixels	Type Color Mono NIR	Sensor	Shutter Type	Active Image Size (mm) Optical Size (μm)	Active Pixels Pixel Size (μm)	Sensitivity	Lens Mount	Frame Rate	Shutter speed (Sec)	Power Supply	Dimensions (W × H × D)
ARTCAM-1400MI-WOM	14M	Color	onsemi	Rolling	6.14(H) × 4.60(V) 1/2.3"	4608(H) × 3288(V) 1.4(H) × 1.4(V)	0.724V/Lux-sec(550nm)	C-Mount	3fps	1/9756~1.68	DC5V (Supplied from USB Port)	50 × 47 × 49.7mm
ARTCAM-1000MI-WOM	10M	Color NIR			6.41(H) × 4.59(V) 1/2.3"	3856(H) × 2764(V) 1.67(H) × 1.67(V)	0.31V/Lux-sec(550nm)		4.4fps	1/11678~1.4		50 × 47 × 49.7mm
ARTCAM-500MI-WOM	5M	Color NIR			5.70(H) × 4.28(V) 1/2.5"	2592(H) × 1944(V) 2.2(H) × 2.2(V)	1.4V/Lux-sec(550nm)		7.5fps	1/53452~1.196		50 × 47 × 41.7mm
ARTCAM-264IMX-WOM	5M	Color NIR	SONY Pregius	Global	8.50(H) × 7.09(V) 2/3"	2464(H) × 2056(V) 3.45(H) × 3.45(V)	1.14V(Sony Standard)		8fps	1/13785~1.93		50 × 47 × 49.7mm
ARTCAM-265IMX-WOM	3M	Color NIR			7.12(H) × 5.32(V) 1/1.8"	2048(H) × 1536(V) 3.45(H) × 3.45(V)	Mono 1146mV @1/30sec Color 915mV @1/30sec		12fps	1/21941~1.49		50 × 47 × 49.7mm
ARTCAM-300MI-WOM	3M	Color	onsemi	Rolling	6.55(H) × 4.92(V) 1/2"	2048(H) × 1536(V) 3.2(H) × 3.2(V)	1.0V/Lux-sec(550nm)		1/19688~0.832	50 × 47 × 41.7mm		
ARTCAM-130MI-BW-WOM	1.3M	Monochrome NIR			6.66(H) × 5.32(V) 1/2"	1280(H) × 1024(V) 5.2(H) × 5.2(V)	1.8V/Lux-sec(550nm)		30fps	1/35928~0.52		50 × 47 × 41.7mm
ARTCAM-130HP-WOM	1.3M	Monochrome NIR	HAMAMATSU	Global	9.427(H) × 7.578(V) 2/3"	1280(H) × 1024(V) 7.4(H) × 7.4(V)	13V/lx·s(2856k)		8fps	1/8651~1.06		50 × 47 × 41.7mm
ARTCAM-0134AR-WOM	1.2M	Color NIR	onsemi		4.80(H) × 3.60(V) 1/3"	1280(H) × 960(V) 3.75(H) × 3.75(V)	6.1V/Lux-sec(550nm)		27fps	1/27027~0.612		50 × 47 × 41.7mm
ARTCAM-036MI2-WOM	0.36M	Color NIR			4.51(H) × 2.88(V) 1/3"	752(H) × 480(V) 6.0(H) × 6.0(V)	4.8V/Lux-sec(550nm)	60fps	1/33149~0.988	50 × 47 × 41.7mm		

UVC (USB Video Class) Camera

Optional Items
•2 Dimension measurement software

Model	Pixels	Type Color Mono NIR	Sensor	Shutter Type	Active Image Size (mm) Optical Size (μm)	Active Pixels Pixel Size (μm)	Sensitivity	Lens Mount	Frame Rate	Shutter speed (Sec)	Power Supply	Dimensions (W × H × D)
ARTCAM-800SN-OP	8M	Color	SONY	Rolling	4.5(H) × 3.4(V) 1/3.2"	3264(H) × 2448(V) 1.4(H) × 1.4(V)	0.65V(Sony Standard)	M12 Mount	19fps	Auto	DC5V (Supplied from USB Port)	28 × 28mm (Board Size)
ARTCAM-200PA-OP	2M	Color	PixArt	Rolling	5.76(H) × 3.24(V) 1/2.7"	1928(H) × 1088(V) 3.0(H) × 3.0(V)	5.8V/Lux-sec		30fps	Auto		40 × 16mm (Board Size)
ARTCAM-200SN1	2M	Color	onsemi	Rolling	4.48(H) × 3.36(V) 1/3"	1600(H) × 1200(V) 3.0(H) × 3.0(V)	1.0V/Lux-sec	C-Mount	19fps	Auto		33.8 × 33.8 × 50.5mm
ARTCAM-0134ARSS-UVC-OP	1.2M	Color NIR		Global	4.80(H) × 3.60(V) 1/3"	1280(H) × 960(V) 3.75(H) × 3.75(V)	5.3V/Lux-sec	M12 Mount	30fps	1/8192~1/2		28 × 28mm (Board Size)

Sensor cover glass can be removed, replaced or mounted slantingly. Please contact us for more information.

Color sensor + SWIR cut filter	RGB-IR
Monochrome sensor (No filter)	NAKED
Monochrome sensor + Visible light cut filter	

Canon CMOS Sensor Camera

RGB-IR Filter Array

- Color
- Monochrome
- RGB-IR ※1
- NAKED ※2

R	G	R	G
IR	B	IR	B
R	G	R	G
IR	B	IR	B

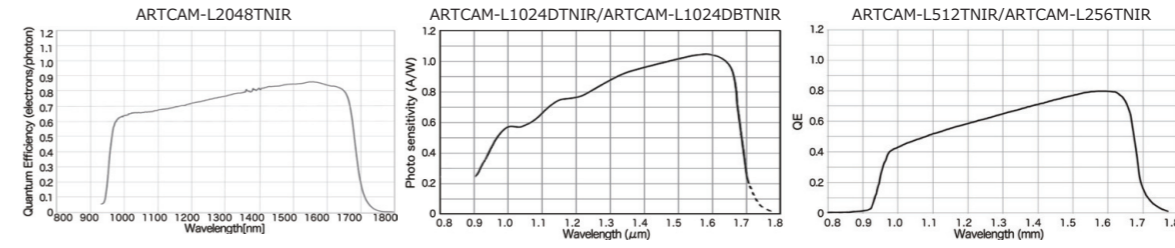


※RGB-IR sensor is arrayed with both RGB pixels and IR pixels.
 ※NAKED means without micro lens and color filter.
 ※Sensor cover glass can be removed, replaced or mounted slantingly.

Model Name	Sensor	Sensor Type RGB MONO RGB-IR NAKED	Optical Format Active Image Size(mm)	Pixel Size (μm)	Active Pixels	Shutter Type	Frame Rate
ARTCAM-8030-USB3 <small>COMING SOON</small>	Canon LI8030SA		35mm Full Size 36.88(H) × 25.05(V)	1.5(H) × 1.5(V)	410M 24592(H) × 16704(V)	Rolling	TBD
ARTCAM-8020-USB3	Canon LI8020SA		APS-H 29.35(H) × 18.88(V)	1.5(H) × 1.5(V)	250M 19568(H) × 12588(V)		1.2fps
ARTCAM-5030-USB3	Canon LI5030SA		35mm Full Size 36.40(H) × 21.35(V)	6.4(H) × 6.4(V)	19M 5688(H) × 3336(V)	Global	20fps(8bit) 10fps(16bit)
ARTCAM-5040-USB3	Canon LI5040SA		2/3" 8.81(H) × 6.99(V)	3.4(H) × 3.4(V)	5.33M 2592(H) × 2056(V)		74fps(8bit) 37fps(16bit)
ARTCAM-3030-USB3	Canon LI3030SA		35mm Full Size 41.04(H) × 24.32(V)	19(H) × 19(V)	2.7M 2160(H) × 1280(V)	Rolling	60fps (8bit・16bit)
ARTCAM-7050-USB3	Canon LI7050SA		1/1.8" 7.94(H) × 4.49(V)	4.1(H) × 4.1(V)	2M 1936(H) × 1096(V)		60fps (8bit・16bit)

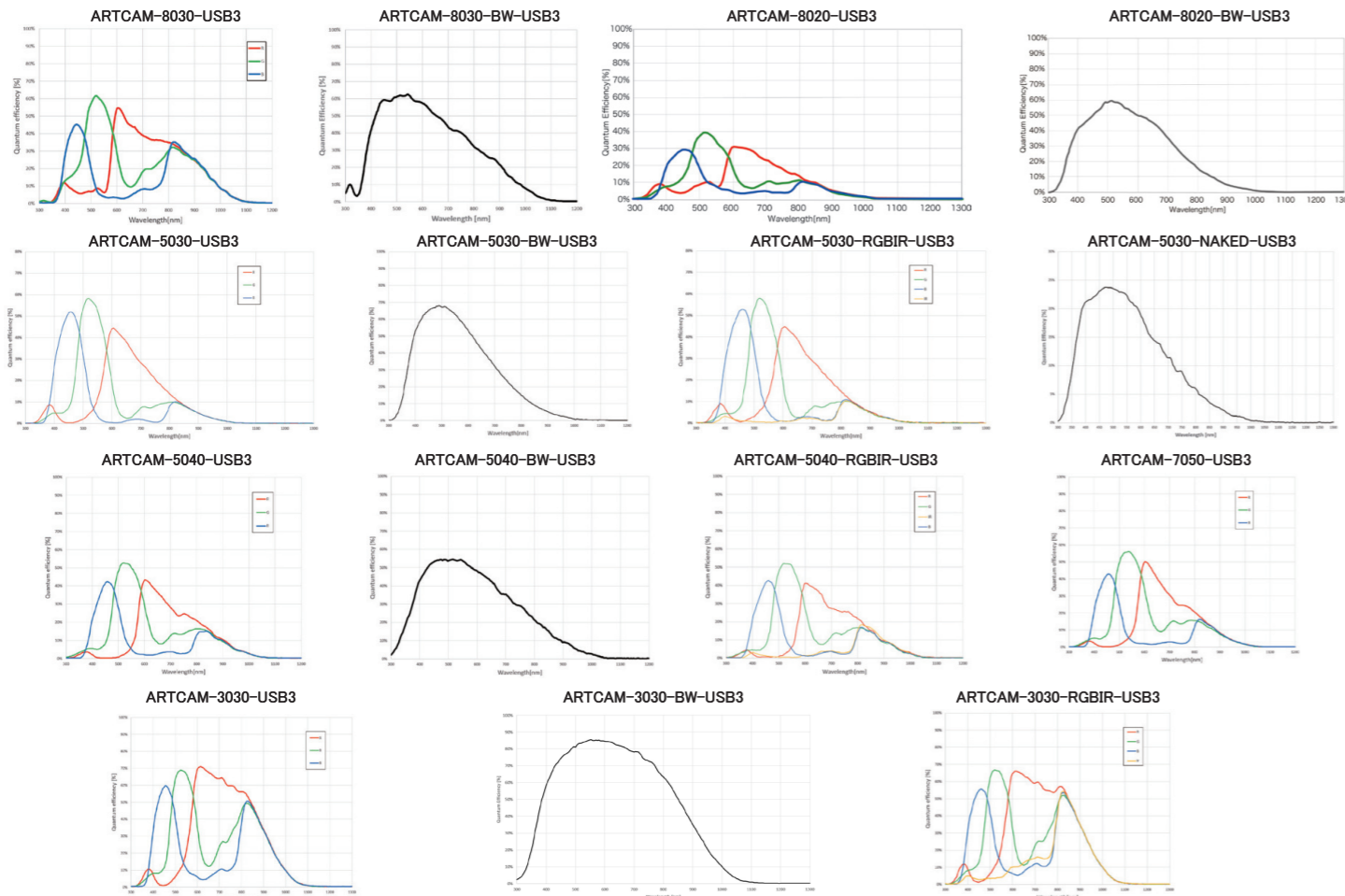
InGaAs Line Scan Camera

900 ~ 1700nm



Resolution	Wavelength	Model Name	Sensor	Pixel Size	Line Rate	Interface	A/D Converter	Lens Mount	Trigger
2048	900 ~ 1700nm	ARTCAM-L2048TNIR	Xenics	12.5×12.5μm	10000Hz	USB3.0 Camera Link	14bit	C-Mount	○
1024		ARTCAM-L1024DTNIR	HAMAMATSU	25 × 100μm	31446Hz			F-Mount	
		ARTCAM-L1024DBTNIR		25 × 25μm	8150Hz			C-Mount	
512	950 ~ 1700nm	ARTCAM-L512TNIR	HAMAMATSU	25 × 25μm	8150Hz	USB3.0 Camera Link	14bit	C-Mount	○
256		ARTCAM-L256TNIR		50 × 50μm	14000Hz				

Spectral Sensitivity Characteristics

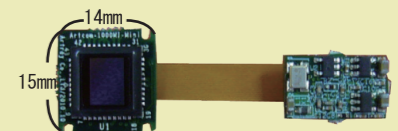
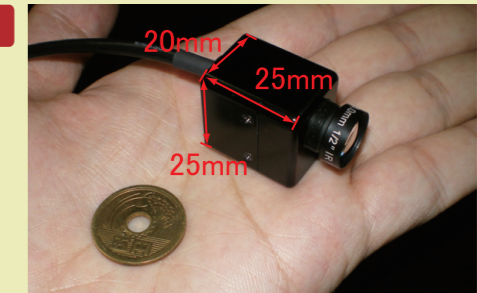


Mini Camera

10.0M ARTCAM-1000MINI

Free SDK (Software Development Kit)

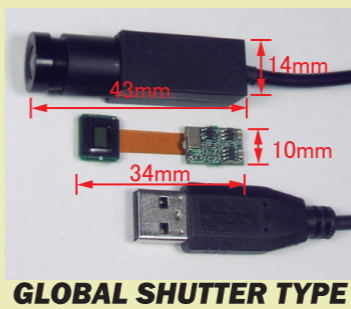
- Sensor Type : CMOS(Color)
 - Interface : USB2.0
 - Sensor Manufacturer : ON Semiconductor
 - Shutter Type : Rolling Shutter
 - Optical Format : 1/2.3inch
 - Active Pixels : 3856(H)×2764(V)
 - Active Image Size(mm) : 6.41(H)×4.59(V)
 - Pixel Size(μm) : 1.67(H)×1.67(V)
 - Sensitivity : 0.31V/Lux-sec(550nm)
 - Dimensions(mm) : 20(W)×25(H)×25(D) (Case type)
 - Color Filter Array : RGB Bayer Pattern
 - Lens Mount : M12×P0.5
 - Frame Rate : 2.2fps
 - Power Supply : Supplied from USB Port
- ※Monochrome type is also available depend on the quantity.



※Board camera type is available

0.36M ARTCAM-022MINI

Free SDK (Software Development Kit)

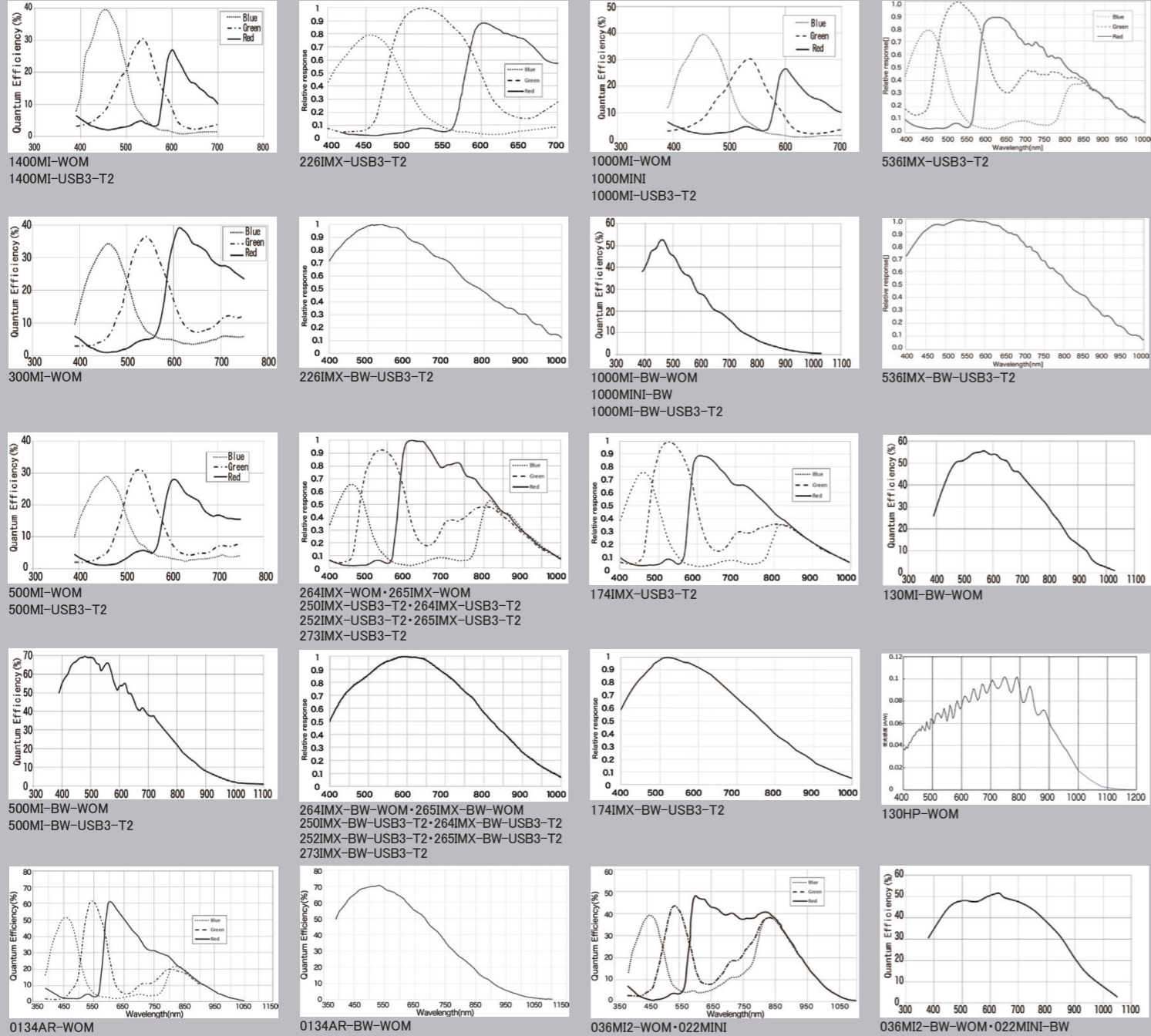


GLOBAL SHUTTER TYPE

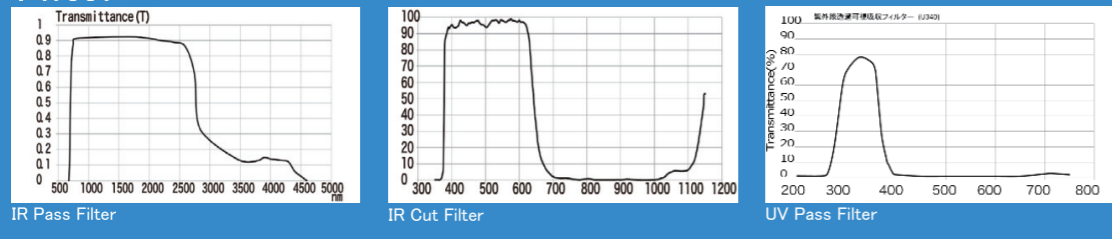
- Sensor Type : CMOS(Color/Monochrome)
- Interface : USB2.0
- Sensor Manufacturer : ON Semiconductor
- Shutter Type : Global Shutter
- Optical Format : 1/3inch
- Active Pixels : 640(H)×480(V)
- Active Image Size(mm) : 4.51(H)×2.88(V)
- Pixel Size(μm) : 6.0(H)×6.0(V)
- Sensitivity : 4.8V/Lux-sec(550nm)
- Dimensions(mm) : 14(W)×14(H)×43(D) (Enclosed type)
- Color Filter Array : RGB Bayer Pattern
- Lens Mount : M12 f=8mm Board Lens
- Frame Rate : 60fps
- Power Supply : Supplied from USB Port
- Shutter Speed : 1/32967-1s
- Options : 2 D measurement software Recording software

Spectral Sensitivity Characteristics

CMOS Camera

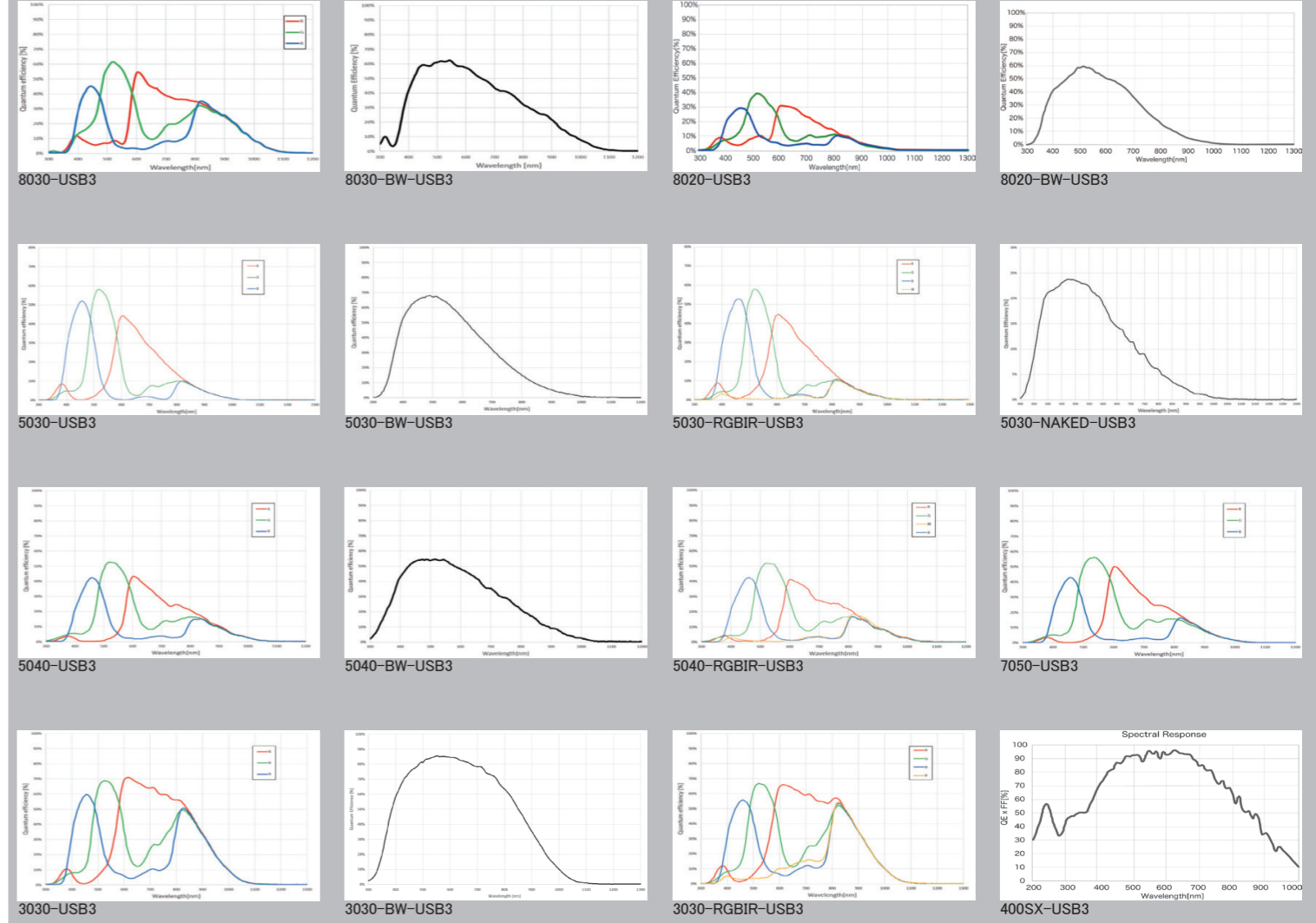


Filter

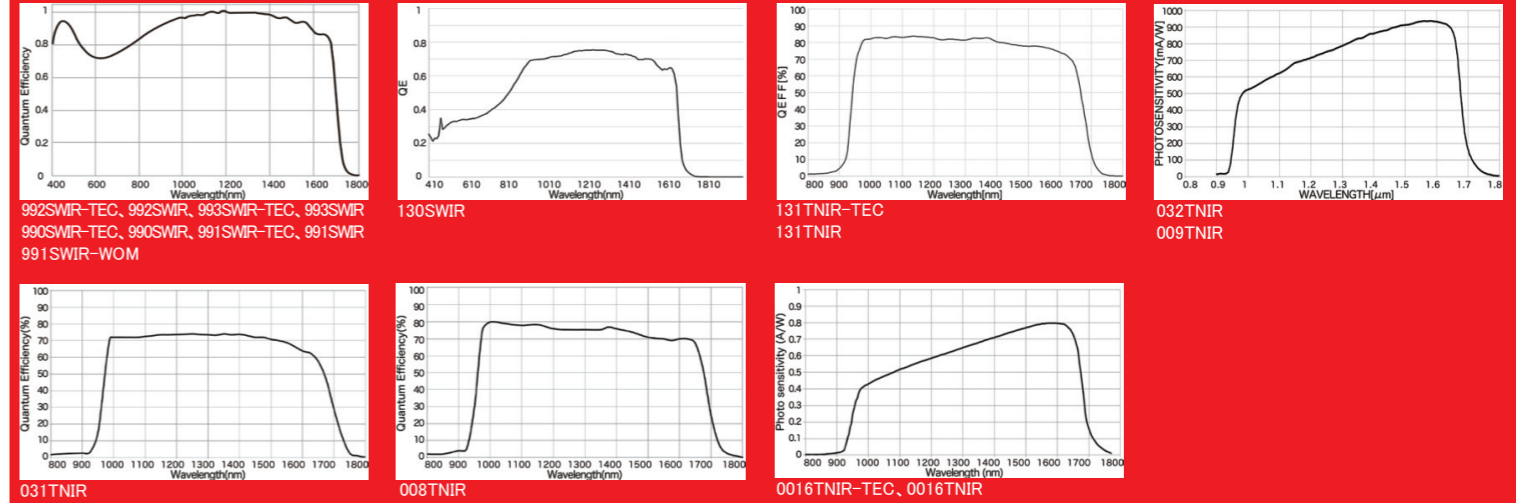


We could provide various types of filters.
Please contact us for more information.

CMOS Camera



SWIR Camera



UV Camera

