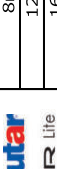
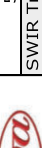
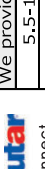


SWIR CAMERAS														
Wavelength(nm)	Model Name	Cooling	Pixels	Sensor Manufacturer	Image Size	Resolution	Pixel Size (µm)	Max Frame Rate	Exposure Time	Shutter Type	Trigger	Interface		
400 ~ 1700	ARTCAM-992SWIR-TEC	○	5.24M	SONY	8.83×7.06mm	2560×2048	3.45(H)×3.45(V)	131fps	13.04µs ~ 2s (8bit)	Global	○	USB3.0 GbE Vision USB3 Vision Camera Link		
	ARTCAM-992SWIR	-						94fps	26.08µs ~ 2s (12bit)		○	USB3.0		
	ARTCAM-993SWIR-TEC	○	3.14M		7.06×5.29mm	2048×1536			○		USB3.0 GbE Vision USB3 Vision Camera Link			
	ARTCAM-993SWIR	-							○		USB3.0			
	ARTCAM-990SWIR-TEC	○			6.4×5.12mm	1280×1024	5(H)×5(V)	134fps	20.3µs ~ 2s		○	USB3.0 GbE Vision USB3 Vision Camera Link		
	ARTCAM-990SWIR	-	1.31M		12.8×10.24mm		10(H)×10(V)	30fps	0.1ms ~ 1s		○	USB3.0		
900 ~ 1700	ARTCAM-130SWIR	-		5CD			5(H)×5(V)	258fps	20.3µs ~ 2s		Global	○	Camera Link	
	ARTCAM-991SWIR-TEC	○		SONY	3.2×2.56mm			131fps				○	USB3.0 GbE Vision USB3 Vision Camera Link	
	ARTCAM-991SWIR	-										○	USB3.0	
	ARTCAM-991SWIR-WOM	-										○	USB2.0	
	ARTCAM-131TNIR-TEC	○	0.32M	CHUNGHWA LUANG PHOTONICS LTD.	9.68×7.68mm	640×512	15(H)×15(V)	131fps	0.1ms ~ 123s 7.33ms ~ 0.48s			○	USB3.0	
	ARTCAM-131TNIR	-										○	USB3.0 Camera Link	
950 ~ 1700	ARTCAM-032TNIR	-		HAMAMATSU LUANG PHOTONICS LTD.	12.8×10.24mm		20(H)×20(V)	62fps	1µs ~ 1s			○	USB3.0 Camera Link	
900 ~ 1700	ARTCAM-031TNIR	-		CHUNGHWA LUANG PHOTONICS LTD.	16.0×12.8mm		25(H)×25(V)	27fps	5.4µs ~ 4.41s			○	USB2.0	
950 ~ 1700	ARTCAM-009TNIR	-		HAMAMATSU LUANG PHOTONICS LTD.	6.4×5.12mm		20(H)×20(V)	228fps	1µs ~ 1s			○	USB3.0 Camera Link	
900 ~ 1700	ARTCAM-008TNIR	-		CHUNGHWA LUANG PHOTONICS LTD.			30(H)×30(V)	90fps	38.9µs ~ 1.27s			○	USB2.0	
1000 ~ 2500	ARTCAM-2500SWIR	○	0.08M	SUMITOMO ELECTRIC	9.6×7.68mm	320×256		320fps	1ms ~ 3ms 1ms ~ 15ms			○	Camera Link	
1000 ~ 2350	ARTCAM-2350SWIR	○												
950 ~ 1700	ARTCAM-0016TNIR-TEC	○		HAMAMATSU	2.56×2.56mm	128×128	20(H)×20(V)	258fps	1µs ~ 0.01s			○	○	USB2.0
	ARTCAM-0016TNIR	-	0.016M							○				

SWIR LENS											
Manufacturer	Focal Length	Image Format	Model Name	F No.	Mount	Manufacturer	Focal Length	Image Format	Model Name	F No.	Mount
	SWIR Transmission from 400 ~ 1700nm Apochromat type						SWIR Transmission from 700 ~ 2000nm				
	8mm	1/1.4"	M0818-APVSW2	F1.8	C		6mm	1"	VS-0618H1-SWIR	F1.8	C
	12mm	1/1.4"	M1218-APVSW2	F1.8	C		8mm	1"	VS-0814H1-SWIR	F1.4	C
	16mm	1/1.4"	M1618-APVSW2	F1.8	C		12mm	1"	VS-1214H1-SWIR	F1.4	C
	25mm	1/1.4"	M2518-APVSW2	F1.8	C		16mm	1"	VS-1614H1-SWIR	F1.4	C
	16mm	1/1.4"	M1618-APVSW2	F1.8	C		25mm	1"	VS-2514H1-SWIR	F1.4	C
	SWIR Transmission from 400 ~ 1700nm						SWIR Transmission from 450 ~ 2000nm Focus shift type				
	5mm	1/2"	H0514-VSW	F1.4	C		8mm	1"	LM8HC-VIS-SW	F1.8	C
	8mm	2/3"	M0814-VSW	F1.4	C		12mm	1"	LM12HC-VIS-SW	F1.8	C
	12mm	2/3"	M1214-VSW	F1.4	C		16mm	1"	LM16HC-VIS-SW	F1.8	C
	16mm	2/3"	M1614-VSW	F1.4	C		25mm	1"	LM25HC-VIS-SW	F1.8	C
	25mm	2/3"	M2514-VSW	F1.4	C		35mm	1"	LM35HC-VIS-SW	F1.8	C
	We provide software that compatible with Artray's camera and lens						SWIR Transmission from 800 ~ 1900nm				
	5.5-12.5mm	1/1.4"	ML220525UC-VSW	F1.8	C		8mm	1"	LM8HC-SW	F1.4	C
	12-35mm	1/1.4"	ML321226UC-VSW	F1.8	C		12.5mm	1"	LM12HC-SW	F1.4	C
	SWIR Transmission from 400 ~ 1700nm Apochromat type						16mm	1"	LM16HC-SW	F1.4	C
	12mm	1"	SMA11F12	F1.8	C		25mm	1"	LM25HC-SW	F1.4	C
	16mm	1"	SMA11F16	F1.8	C		35mm	1"	LM35HC-SW	F1.4	C
	25mm	1"	SMA11F25	F1.8	C	50mm	1"	LM50HC-SW	F1.4	C	

ARTRAY CO., LTD.
ARTRAY



ARTRAY CO., LTD.
1-17-5 Koenjikita, Suginami-ku, Tokyo, 166-0002, Japan

Tel: +81-3-3389-5488 / Fax: +81-3-3389-5486
URL: artray.co.jp/en / E-mail: sales@artray.us



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

ARTRAY

PRODUCTS INFORMATION

ENGLISH VERSION



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

Tel: +81-3-3389-5488

Fax: +81-3-3389-5486

URL: artray.co.jp/en/

E-mail: sales@artray.us

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

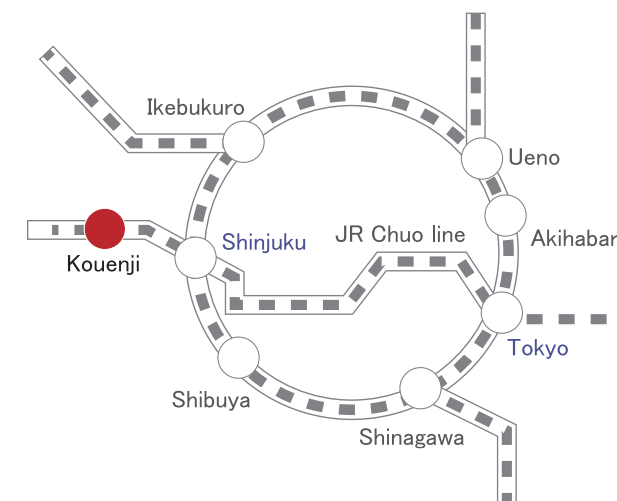
Trusted by over 1,500 customers worldwide.

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



Japanese



English



Chinese



Taiwanese



Cantonese



Korean



German



Spanish



French

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
US3
VISION

USB 3.0
VISION

Link 10 GIG E
VISION

Free SDK
(Software Development Kit)


Linux



NVIDIA JETSON



Raspberry Pi



Coral

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



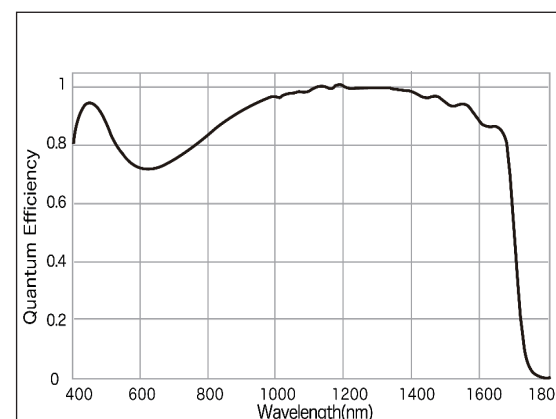
Cooling type

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



Non-Cooling type

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



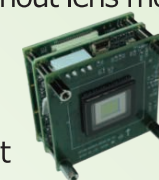
Various types of board-level cameras are available!

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	Max 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 μ m	8.83 × 7.06mm	131fps 		13.04 μ s ~ 2s (8bit) 26.08 μ s ~ 2s (12bit)	Global	C-Mount	○
	ARTCAM-992SWIR	SONY IMX992-AABJ-C SenSWIR		-			67fps 					
3.14MP 2048 × 1536	ARTCAM-993SWIR-TEC	SONY IMX993-AABA-C SenSWIR		○	7.06 × 5.29mm	94fps 						
	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 						
	ARTCAM-990SWIR	SONY IMX990-AABJ-C SenSWIR		-								
0.32MP VGA 640 × 512	ARTCAM-991SWIR-TEC	SONY IMX991-AABA-C SenSWIR		○	5 × 5 μ m	3.2 × 2.56mm	258fps 		20.3 μ s ~ 2s			
	ARTCAM-991SWIR	SONY IMX991-AABJ-C SenSWIR		-								
	ARTCAM-991SWIR-WOM	SONY IMX991-AABJ-C SenSWIR		-			131fps 					

Remote Controller



Pen



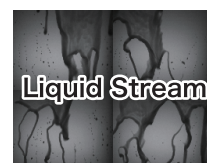
※The frame rate and exposure time are based on the USB3.0 interface.



Apple



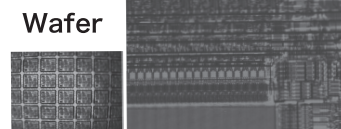
Liquid



Liquid Stream



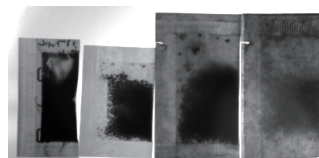
Jelly



Wafer



Sugar Salt



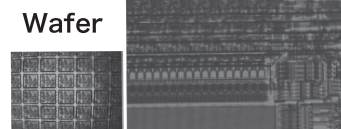
Seasoning



Cash



Jelly



Wafer

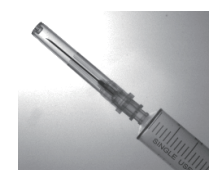


IC Card



Vein

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



Syringe



Plastic case



Capsule

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)
 Max Frame Rate : 41fps
 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

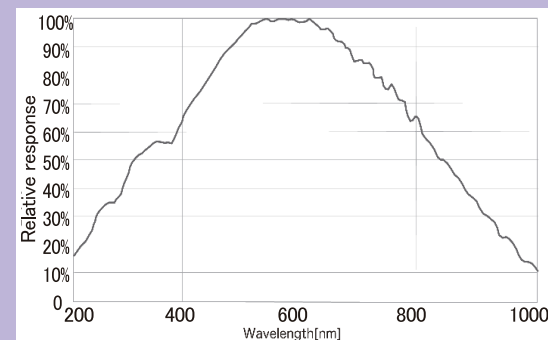
HI-SPEED
CERTIFIED **USB3.0**

CAMERA
Link

Free SDK
(Software Development Kit)

Pregius S

200~1000nm



4 MP

ARTCAM-2020UV

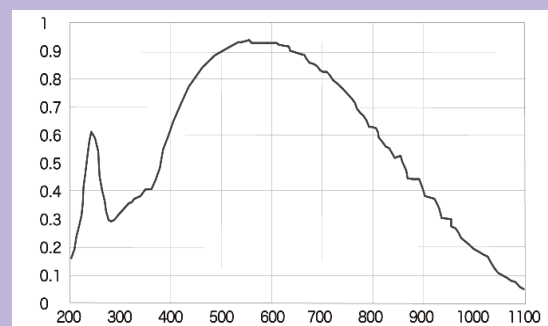
Sensor Type : CMOS
 Shutter Type : Rolling Shutter
 Resolution : 2048(H)×2048(V)
 Image Size(mm) : 13.3(H)×13.3(V)
 Interface : Camera Link · USB3.0
 Pixel Size(μm) : 6.5(H)×6.5(V)
 Max Frame Rate : 21.5fps
 Optical Format : 1inch
 A/D Converter : 12bit
 Exposure Time : 112μs ~ 2s
 Dimensions(mm) : 71.6(W)×61.5(H)×51.5(D)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

HI-SPEED
CERTIFIED **USB3.0**

CAMERA
Link

Free SDK
(Software Development Kit)

200~1100nm



1.3 MP

ARTCAM-9701UV

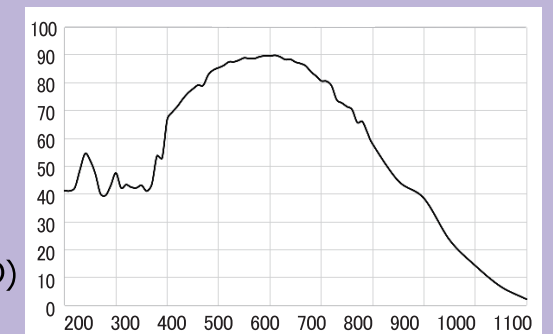
Sensor Type : CMOS
 Shutter Type : Rolling Shutter
 Resolution : 1280(H)×1024(V)
 Image Size(mm) : 12.49(H)×9.99(V)
 Interface : USB3.0
 Pixel Size(μm) : 9.76(H)×9.76(V)
 Max Frame Rate : 25fps
 Optical Format : 1inch
 A/D Converter : 12bit
 Exposure Time : 37μs ~ 2s
 Dimensions(mm) : 50.0(W)×47.0(H)×42.7(D)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

HI-SPEED
CERTIFIED **USB3.0**

Free SDK
(Software Development Kit)



200~1000nm



1.5 MP

ARTCAM-407UV-WOM

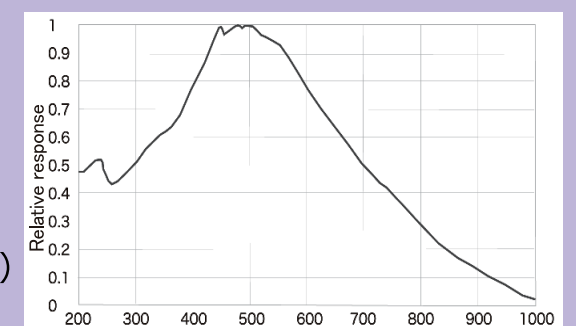
Sensor Type : **SONY** CCD
 Shutter Type : Global Shutter
 Resolution : 1360(H)×1024(V)
 Image Size(mm) : 6.47(H)×4.83(V)
 Interface : USB2.0
 Pixel Size(μm) : 4.65(H)×4.65(V)
 Max Frame Rate : 12fps
 Optical Format : 1/2inch
 A/D Converter : 10bit
 Exposure Time : 16.9μs ~ 80ms
 Dimensions(mm) : 50(W)×47(H)×49.7(D)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

HI-SPEED
CERTIFIED **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"	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



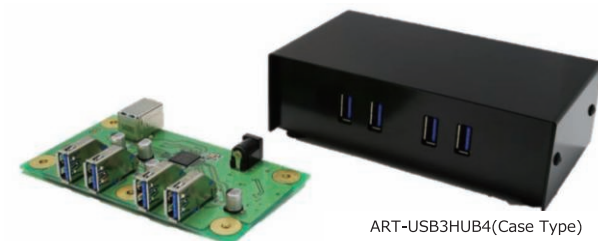
Industrial USB hub

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)



ART-USB3HUB4-OP(Board Type)

ART-USB3HUB4(Case Type)

onsemi Sensor Series

Model Name	Pixels	Color	Mono	Type NIR RGB-IR NAKED	Sensor	Active Image Size (mm) Optical Size (μm)	Active Pixels	Pixel Size (μm)	Shutter Type	Lens Mount	Max Frame Rate	Esposure Time (Sec)	Power Supply	Dimensions (W × H × D)
ARTCAM-1400MI-USB3-T2	14M				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			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			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

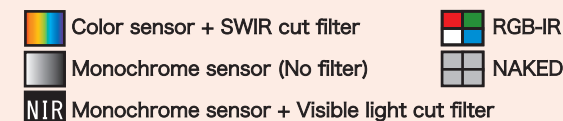
SONY Sensor Series

Model Name	Pixels	Type				Sensor	Active Image Size (mm) Optical Size (μm)	Active Pixels	Pixel Size (μ m)	Shutter Type	Lens Mount	Max Frame Rate	Esposure Time (Sec)	Power Supply	Dimensions (W×H×D)
ARTCAM-226IMX-USB3-T2	12M			NIR	SONY STARVIS	7.53(H)×5.63(V) 1/1.7"	4072(H)×3046(V)	1.85(H)×1.85(V)	Rolling	Global	C-Mount	27.9fps	1/10000~0.0352	DC5V (Supplied from USB Port)	50×47×42.7mm
ARTCAM-535IMX-USB3-T2	12M			NIR		11.22(H)×8.24(V) 1/1.1"	4096(H)×3008(V)	2.74(H)×2.74(V)				28.6fps	13/1000000~2.0		
ARTCAM-536IMX-USB3-T2	8.1M			NIR		7.80(H)×7.80(V) 2/3"	2848(H)×2848(V)	2.74(H)×2.74(V)				38fps	1/10000~2.0		
ARTCAM-250IMX-USB3-T2	5M			NIR		8.50(H)×7.09(V) 2/3"	2464(H)×2056(V)	3.45(H)×3.45(V)				60fps	1/1000~3.276		
ARTCAM-264IMX-USB3-T2	5M			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			NIR		7.12(H)×5.32(V) 1/1.8"	2064(H)×1554(V)	3.45(H)×3.45(V)				85fps	1/10000~3		
ARTCAM-265IMX-USB3-T2	3M			NIR		7.12(H)×5.32(V) 1/1.8"	2064(H)×1554(V)	3.45(H)×3.45(V)				56fps	1/10000~3		
ARTCAM-174IMX-USB3-T2	2.3M			NIR		11.25(H)×7.03(V) 1/1.2"	1920(H)×1200(V)	5.86(H)×5.86(V)				82fps	1/41666~1/86.65		
ARTCAM-273IMX-USB3-T2	1.55M			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	Color	Mono	Type NIR RGB-IR NAKED	Sensor	Active Image Size (mm) Optical Size (μm)	Active Pixels	Pixel Size (μm)	Shutter Type	Lens Mount	Max Frame Rate	Esposure Time (Sec)	Power Supply	Dimensions (W × H × D)
ARTCAM-8030-USB3 COMING SOON	410M				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					29.35(H) × 18.88(V) APS-H	19568(H) × 12588(V)	1.5(H) × 1.5(V)		M58/F-Mount	1.4fps	1/10000~1		90 × 80 × 43mm
ARTCAM-5030-USB3	19M					36.40(H) × 21.35(V) 35mm Full Size	5688(H) × 3336(V)	6.4(H) × 6.4(V)	Global	M58/F-Mount	20fps	1/5165~1	DC5V (Supplied from USB Port)	90 × 80 × 43mm
ARTCAM-5040-USB3	5.33M					8.81(H) × 6.99(V) 2/3"	2592(H) × 2056(V)	3.4(H) × 3.4(V)		C-Mount	60fps	1/10000~1		80 × 65 × 36.8mm
ARTCAM-3030-USB3	2.7M					41.04(H) × 24.32(V) 35mm Full Size	2160(H) × 1280(V)	19(H) × 19(V)	Rolling	M58/F-Mount	60fps	1/10000~2	DC12V (Supplied from External AC Adaptor)	90 × 80 × 53mm
ARTCAM-7050-USB3	2M					7.94(H) × 4.49(V) 1/1.8"	1936(H) × 1096(V)	4.1(H) × 4.1(V)		C-Mount	60fps	1/10000~1		50 × 47 × 42.7mm

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



USB 2.0 CMOS Camera

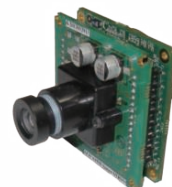


Board type

※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 (μ m)	Active Pixels Pixel Size (μ m)	Sensitivity	Lens Mount	Max Frame Rate	Shutter speed (Sec)	Power Supply	Dimensions (W×H×D)	
ARTCAM-1400MI-WOM	14M		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				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				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		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				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		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				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		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		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				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	Max Frame Rate	Shutter speed (Sec)	Power Supply	Dimensions (W × H × D)
ARTCAM-800SN-OP	8M		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		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		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	15fps	Auto		33.8 × 33.8 × 50.5mm
ARTCAM-0134ARSS-UVC-OP	1.2M			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
 Monochrome sensor (No filter)
 Monochrome sensor + Visible light cut filter
 RGB-IR
 NAKED

Canon CMOS Sensor Camera

RGB-IR Filter Array

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

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



Free SDK
(Software Development Kit)



Non-lens-mount type
is also available.

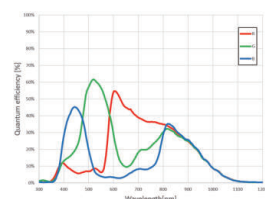
High Frame Rate Version

USB 3.2 Gen 2 (10Gbps)
USB3.2 Gen2x2 (20Gbps)
Now under development

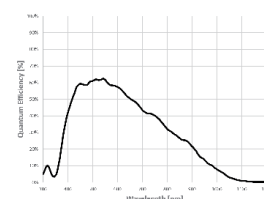
- ※RGB-IR sensor is arrayed with both RGB pixels and IR pixels.
- ※NAKED means without micro lens and color filter.
- ※Sensor cover glass can be removed, replaced or mounted slantingly.

Model Name	Sensor	Sensor Type RGB MONO RGB-IR NAKED	Optical Format Active Image Size(mm)	Pixel Size (μm)	Active Pixels	Shutter Type	Max Frame Rate
ARTCAM-8030-USB3 COMING SOON	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)		1.4fps
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	18fps
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)		60fps
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
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

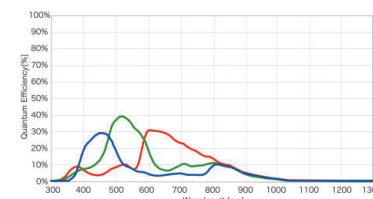
Spectral Sensitivity Characteristics



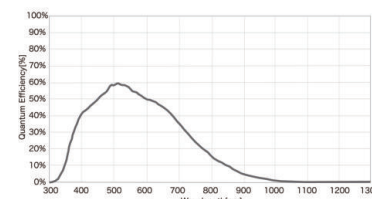
ARTCAM-8030-USB3



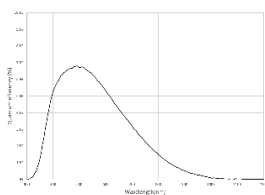
ARTCAM-8030-BW-USB3



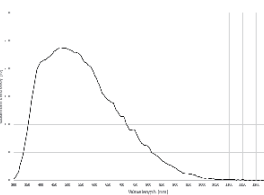
ARTCAM-8020-USB3



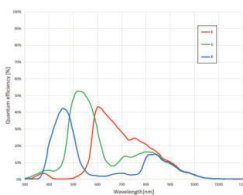
ARTCAM-8020-BW-USB3



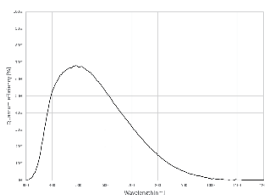
ARTCAM-5030-BW-USB3



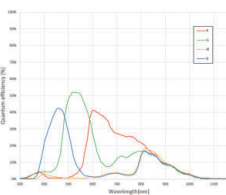
ARTCAM-5030-NAKED-USB3



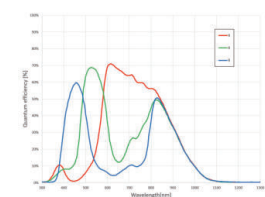
ARTCAM-5040-USB3



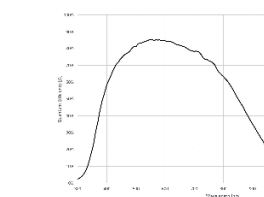
ARTCAM-5040-BW-USB3



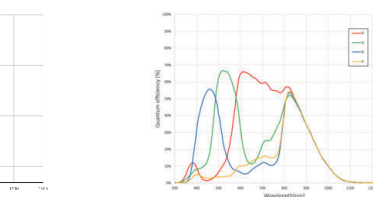
ARTCAM-5040-RGBIR-USB3



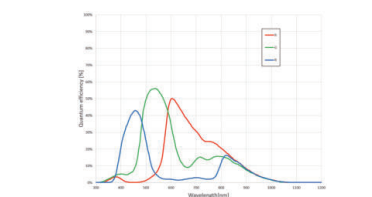
ARTCAM-3030-USB3



ARTCAM-3030-BW-USB3



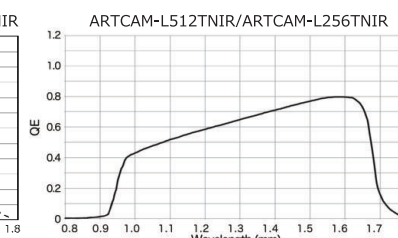
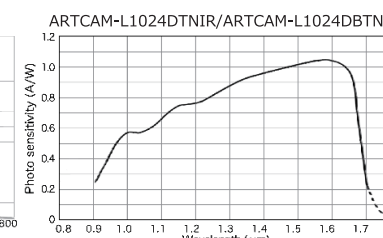
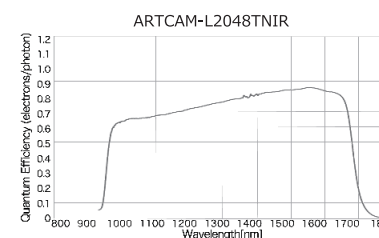
ARTCAM-3030-RGBIR-USB3



ARTCAM-7050-USB3

InGaAs Line Scan Camera

900 ~ 1700nm



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

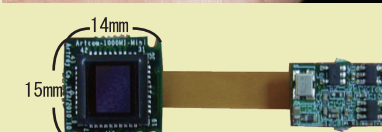
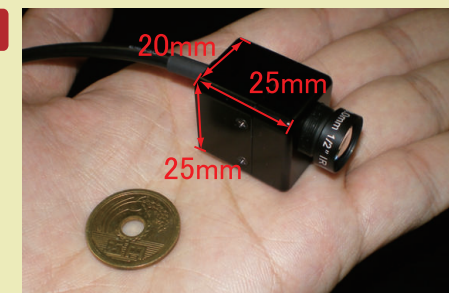
Mini Camera

10.0M ARTCAM-1000MINI

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.

Free SDK
(Software Development Kit)

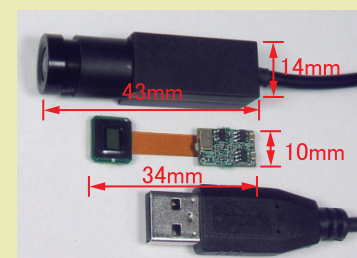


※Board camera type is available

0.36M ARTCAM-022MINI

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

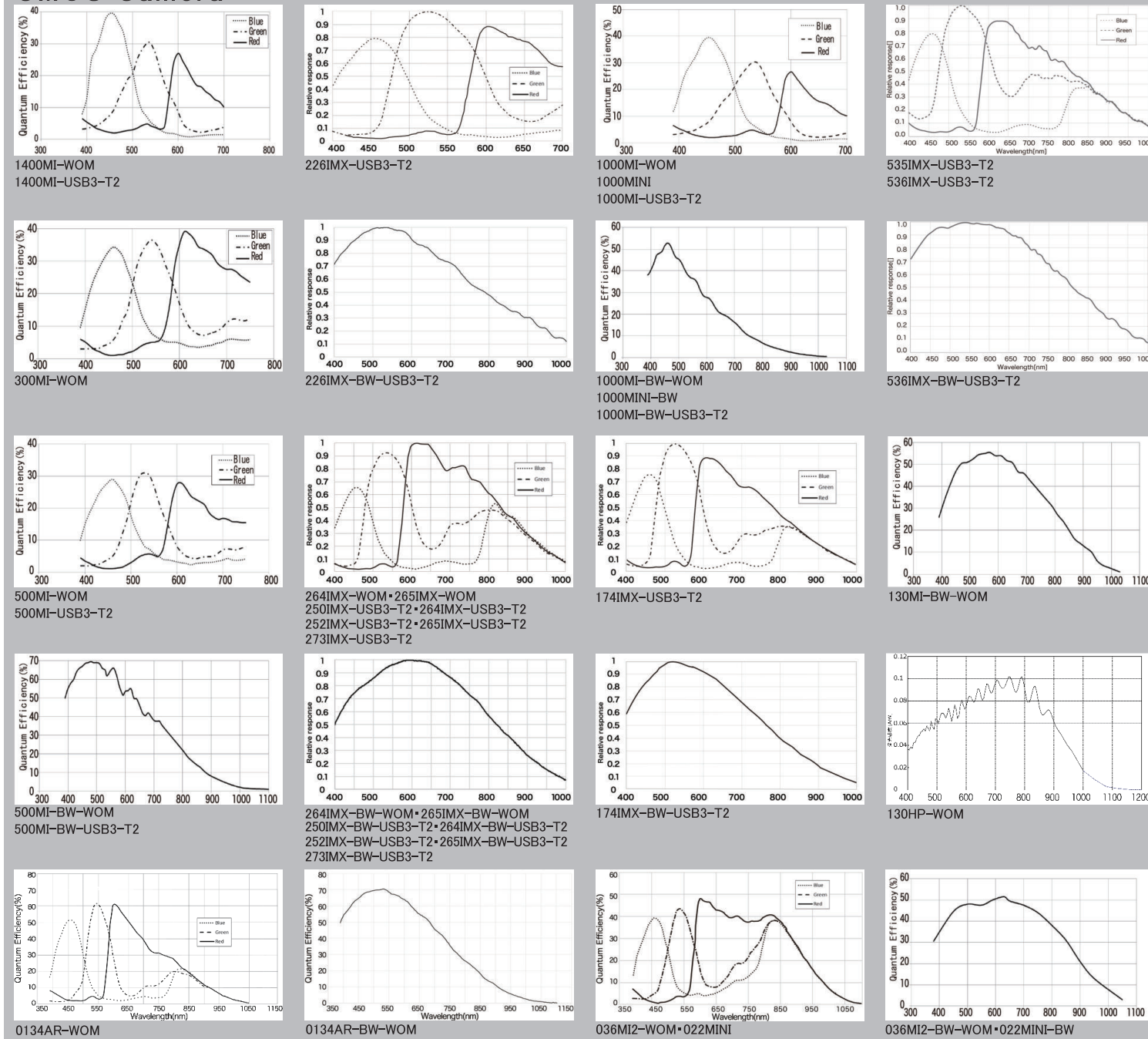
Free SDK
(Software Development Kit)



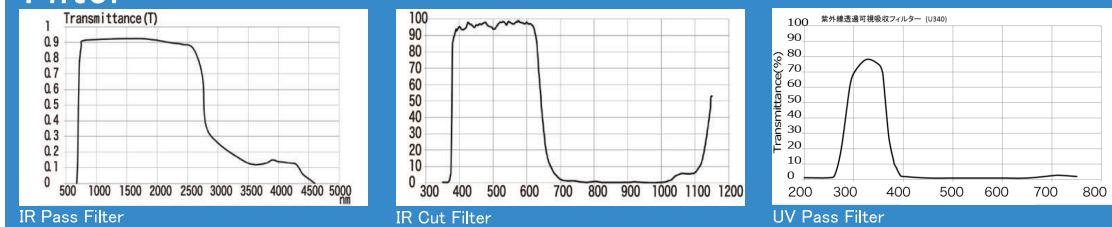
GLOBAL SHUTTER TYPE

Spectral Sensitivity Characteristics

CMOS Camera

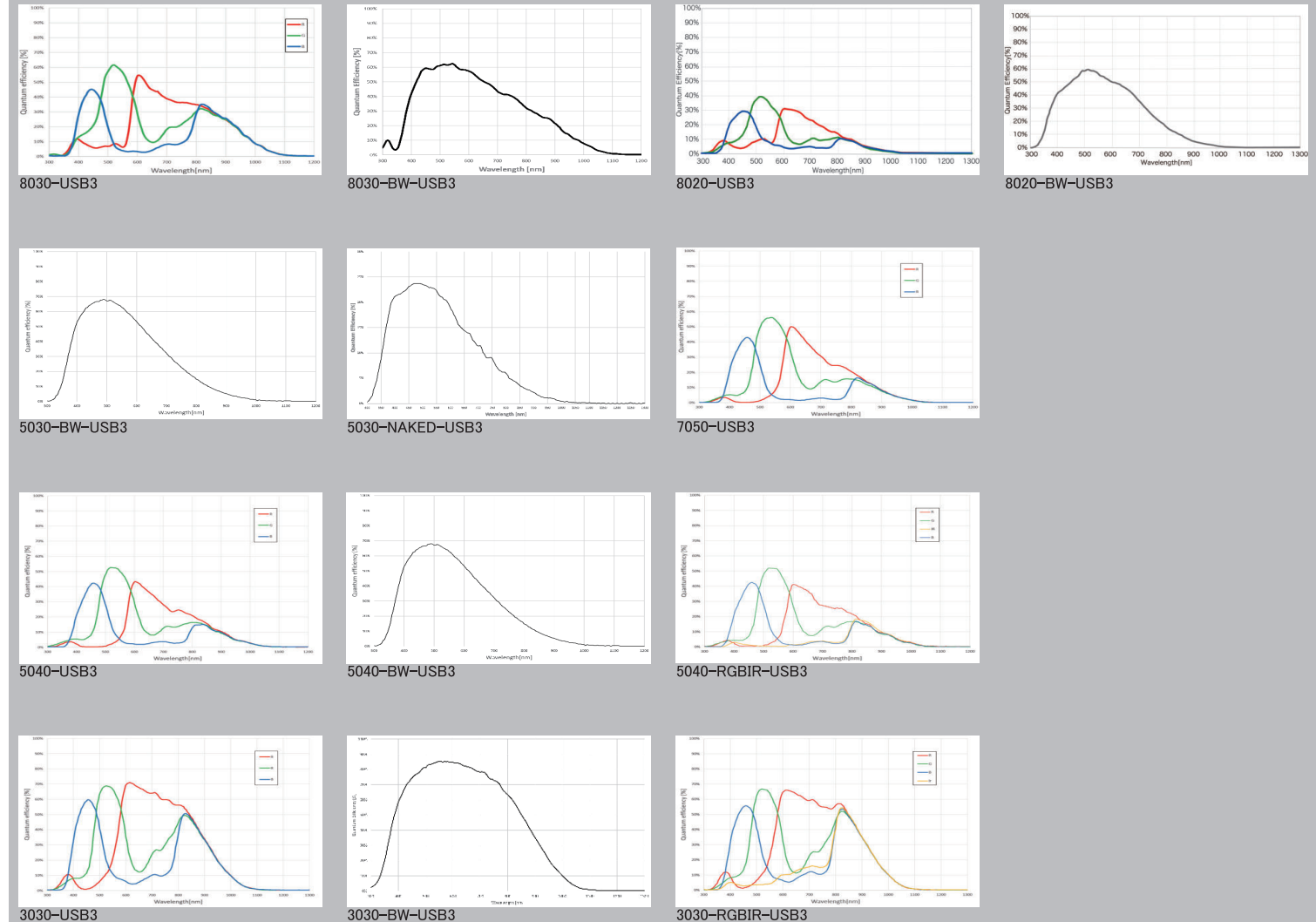


Filter

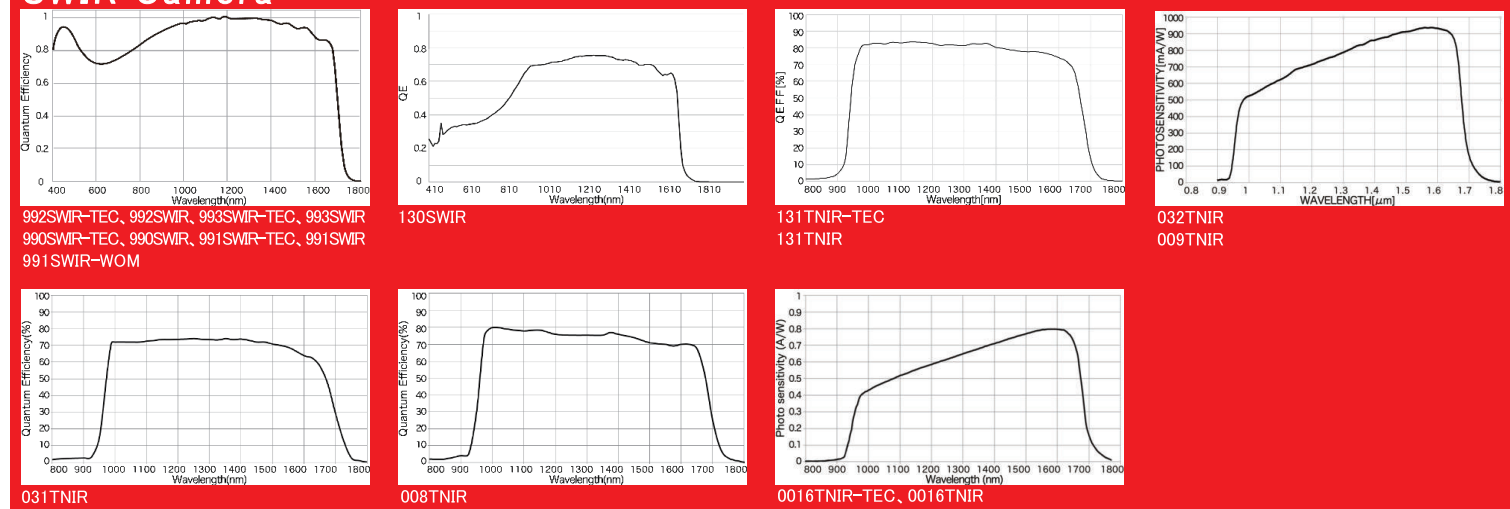


We could provide various types of filters.
Please contact us for more information.

CMOS Camera



SWIR Camera



UV Camera

