

# CIS

Camera & Imaging Systems

## PRODUCT BROCHURE

2026  
spring



# CoaXPress

**SXGA**

**VCC-SXCXP5**  
276fps



- IMX273
- 29x29x29mm
- 1456x1088
- CXP6x1
- 3.45x3.45 μm
- C Mount
- Mono/Color

**2M**

**VCC-2CXP2**  
84.5fps



- PYTHON 2000
- 29x29x29mm
- 1984x1264
- CXP3x1
- 4.8x4.8 μm
- C Mount
- Mon

**VGA**

**VCC-VCXP5**  
523fps



- IMX287
- 29x29x29mm
- 720x540
- CXP3x1
- 6.9x6.9 μm
- C Mount
- Mono/Color

**SXGA**

**VCC-SXCXP3**  
168.5fps



- PYTHON 1300
- 29x29x29mm
- 1280x1024
- CXP3x1
- 4.8x4.8 μm
- C Mount
- Mono/Color

**5M**

**VCC-5CXP4**  
163.4fps



- IMX250
- 55x55x30mm
- 2464x2056
- CXP6x2
- 3.45x3.45 μm
- C Mount
- Mono/Color

**5M**

**VCC-5CXP7**  
101fps



- IMX547
- 29x29x55mm
- 2472x2064
- CXP6x1
- 2.74x2.74 μm
- C Mount
- Mono/Color

**2M**

**VCC-2CXP6**  
239fps



- IMX422
- 29x29x55mm
- 1632x1248
- CXP6x1
- 4.5x4.5 μm
- C Mount
- Mono/Color

**5M**

**VCC-5CXP3**  
85.1fps



- PYTHON5000
- 29x29x55mm
- 2592x2048
- CXP6x1
- 4.8x4.8 μm
- C Mount
- Mono/Color/NIR

**12M**

**VCC-12CXP4**  
64.7fps



- IMX253
- 55x55x30mm
- 4096x3000
- CXP6x2
- 3.45x3.45 μm
- M42 Mount
- Mono/Color

**12M**

**VCC-12CXP5**  
92fps



- GMAX3412
- 47x47x31mm
- 4096x3072
- CXP12x1
- 3.4x3.4 μm
- C Mount
- Mono/Color

**5M**

**VCC-5CXP8**  
218fps



- GMAX3405
- 29x29x29mm
- 2448x2048
- CXP12x1
- 3.4x3.4 μm
- C Mount
- Mono/Color

**10M**

**VCC-10CoF2**  
997fps



- GSPRINT4510
- 80x80x150mm
- 4608x2176
- CoF QSPF28x1 100G
- 4.5x4.5 μm
- TFL- II Mount
- Mono/Color

**24M**

**VCC-24CXP7**  
21.9fps



- IMX540
- 29x29x55mm
- 5328x4608
- CXP6x1
- 2.74x2.74 μm
- C Mount
- Mono

**25M**

**VCC-25CXP1**  
82fps



- PYTHON 25K
- 65x65x65mm
- 5120x5120
- CXP6x4
- 4.5x4.5 μm
- M48 Mount
- Mono/Color/NIR/Binning

**20M**

**VCC-20CXP6**  
79.6fps



- IMX531
- 65x65x93.3mm
- 4512x4512
- CXP12x2
- 2.74x2.74 μm
- M48 Mount
- Mono/Color

**21M**

**VCC-21CoF2**  
526fps



- GSPRINT4521
- 80x80x150mm
- 5120x4096
- CoF QSPF28x1 100G
- 4.5x4.5 μm
- TFL- II Mount
- Mono/Color

**127M**

**VCC-127CXP6**  
18.5fps



- IMX661
- 100x100x100mm
- 13408x9528
- CXP12x2
- 3.45x3.45 μm
- M72 Mount
- Mono/Color

**127M**

**VCC-127CXP6HS**  
17.5fps



- IMX661
- 100x100x57.5mm
- 13408x9528
- CXP12x2
- 3.45x3.45 μm
- M72 Mount
- Mono/Color

**25M**

**VCC-25CXP8(-F)**  
150fps



- GMAX 0505
- 65 x 125 x 93.3mm (w/ heatsink)
- 5120 x 5120
- 65 x 65 x 93.3mm
- 2.5 x 2.5 μm
- CXP12 x 4
- Mono/Color/NIR
- M48 Mount

**120M**

**VCC-120CXP1**  
9.4fps



- 120MXSM
- 65x65x68mm
- 13264x9180
- CXP6x4
- 2.2x2.2 μm
- M48 Mount
- Mono/Color

**SXGA** 400nm-1700nm

**VCC-SXCXP1SW**  
134.7fps



- SenSWIR IMX990
- 1296x1032
- 65x65x65mm
- 5x5 μm
- CXP3x1
- C Mount
- SWIR\*

**3M** 400nm-1700nm

**VCC-3CXP1SW**  
173fps



- IMX993
- 65x65x65mm
- 2080x1544
- CXP12x1
- 3.45x3.45 μm
- C Mount
- SWIR\*

**250M**

**VCC-250CXP1**  
5fps



- LI8020SAM
- 100x100x94.9mm
- 19568x12588
- CXP6x4
- 1.5x1.5 μm
- M48 Mount
- Mono/Color

**400M**

**VCC-400CXP1**  
8fps



- LI8030
- 100x100x100mm
- 24529x16704
- CXP12x4
- 1.5x1.5 μm
- M58 Mount
- Mono/Color

**5M** 400nm-1700nm

**VCC-5CXP1SW**  
131fps



- IMX992
- 65x65x65mm
- 2560x2048
- CXP12x1
- 3.45x3.45 μm
- C Mount
- SWIR\*

\*SWIR cameras are subject to export control.

# Camera Link

CIS

**VGA**

**VCC-VCL3**  
538fps



- PYTHON300
- 29x29x29mm
- 640x480
- PoCL/non-PoCL
- 4.8x4.8 μm
- Mono/Color
- C Mount

**VGA**

**VCC-VCL5**  
578fps



- IMX287
- 29x29x29mm
- 720x540
- PoCL/non-PoCL
- 6.9x6.9 μm
- Mono/Color
- C Mount

**VGA**

**VCC-GC20V41PCL**  
**VCC-FC20V49PCL**  
502fps



- CMV2000
- 29x29x29mm
- 640x480
- PoCL
- 5.5x5.5 μm
- Mono/Color
- C Mount

**SXGA**

**VCC-SXCL3**  
152fps



- PYTHON1300
- 29x29x29mm
- 1280x1024
- PoCL/non-PoCL
- 4.8x4.8 μm
- Mono/Color
- C Mount

**SXGA**

**VCC-SXCL5**  
136fps



- IMX273
- 29x29x29mm
- 1440x1080
- PoCL/non-PoCL
- 3.45x3.45 μm
- Mono/Color
- C Mount

**2M**

**VCC-GC20U11PCL**  
**VCC-FC20U19PCL**  
71fps



- CMV2000
- 29x29x29mm
- 2048x1088
- PoCL
- 5.5x5.5 μm
- Mono/Color
- C Mount

**3M**

**VCC-3CL5**  
56fps



- IMX265
- 29x29x29mm
- 2064x1544
- PoCL/non-PoCL
- 3.45x3.45 μm
- Mono/Color
- C Mount

**5M**

**VCC-5CL4**  
163fps



- IMX250
- 55x55x25mm
- 2448x2048
- PoCL/non-PoCL
- 3.45x3.45 μm
- Mono/Color/HS
- M42 Mount

**5M**

**VCC-5CL5**  
36fps



- IMX264
- 29x29x29mm
- 2448x2048
- PoCL/non-PoCL
- 3.45x3.45 μm
- Mono/Color
- C Mount

**12M**

**VCC-12CL4**  
63fps



- IMX253
- 55x55x25mm
- 4096x3000
- PoCL/non-PoCL
- 3.45x3.45 μm
- Mono/Color
- M42 Mount

**25M**

**VCC-25CL1**  
32fps



- PYTHON\_25K
- 65x65x40.5mm
- 5120x5120
- PoCL/non-PoCL
- 4.5x4.5 μm
- Mono/Color
- M48 Mount

## USB 5/10Gbps

**3M**

**VCC-3U051**  
121fps



- IMX900
- 29x29x29mm
- 2064x1552
- USB 5Gbps
- 2.25x2.25 μm
- C Mount
- Mono/Color

**5M**

**VCC-5U101**  
187fps



- GMAX3405
- 29x29x29mm
- 2448x2048
- USB 10Gbps
- 3.4x3.4 μm
- C Mount
- Mono/Color

**8M**

**VCC-8U051C**  
27fps



- IMX778
- 29x29x29mm
- 3840x2160
- USB 5Gbps
- 1.45x1.45 μm
- C Mount
- Color
- Clairvu™

**8M**

**VCC-8U101C**  
60fps



- IMX778
- 29x29x29mm
- 3840x2160
- USB 10Gbps
- 1.45x1.45 μm
- C Mount
- Color
- Clairvu™

**5M** 400nm-1700nm

**VCC-5U101SW**  
131fps



- IMX992
- 65x65x65mm
- 2560x2048
- USB 10Gbps
- 3.45x3.45 μm
- C Mount
- SWIR\*

**20M**

**VCC-20U051**  
**VCC-20U101**  
122fps



- AR2020
- 29x29x29mm
- 5120x3840
- 5Gbps/10Gbps
- 1.4x1.4 μm
- C Mount
- Mono/Color

## MIPI A PHY

**5M**

**VCC-5A1**  
96.2fps



- IMX568
- 22x22x22mm
- 2472x2064
- MIPI A PHY
- 2.74x2.74 μm
- NF Mount
- Mono

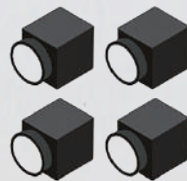
**5M**

**DCC-5SLEC1**  
122fps



- IMX547
- 29x35x27mm
- 2472x2064
- SLVS-EC
- 2.74x2.74 μm
- C Mount
- Mono/Color

## Product Highlights



**8Gbps**

**UP TO 15m**

(50Ω COAXIAL CABLE)

**SMALL & VERSATILE**  
22mm COMPACT  
MULTIPLE CAMERAS

**LOW ERROR RATE**

**COMPLIES WITH  
MIPI A-PHY**

## SLVS-EC

Resolution Sensor size	VGA	SXGA	2M	3M	5M	8M	12M	20M 21M	24M 25M	120M 127M	250M~
3.6"										VCC-127CXP6 VCC-127CXP6HS	
APS-H								VCC-21CoF2	VCC-25CXP1 VCC-25CL1	VCC-120CXP1	VCC-250CXP1 VCC-25CXP1PS
1.2"									VCC-24CXP7		
1.1"							VCC-12CXP4 VCC-12CXP5 VCC-12CL4	VCC-20CXP6	VCC-25CXP5(-F)		
1"					VCC-5CXP3						
2/3"			VCC-2CXP2 VCC-GC20U11PCL VCC-FC20U19PCL		VCC-5U101 VCC-5CXP5 VCC-5CXP4 VCC-5CL5 VCC-5CL4						
1/1.4"					VCC-5U101SW VCC-5CXP1SW						
1/1.7"			VCC-2CXP6								
1/1.8"				VCC-3CXP1SW VCC-3CL5	VCC-5CXP7			VCC-20U051 VCC-20U101			
1/2"		VCC-SXCXP3 VCC-SXCXP1SW VCC-SXCL3						VCC-SXCXP1SWPS			
1/2.8"						VCC-8U051 VCC-8U101					
1/2.9"	VCC-VCXP5 VCC-VCL5	VCC-SXCXP5 VCC-SXCL5									
1/3.1"				VCC-3U051							
1/4"	VCC-VCL3 VCC-GC20V41PCL VCC-FC20V49PCL										

Aegis Electronic Group  
www.aegiselect.com

CoaXPress... ● Camera Link... ● USB 5/10Gbps... ●

# ToF Camera/AI SmartCamera

**ToF 30MP**

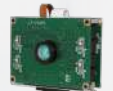
**DCC-VToF3**



- IMX570 (ToF)(1/4.5" )
- 640x480
- 5.0x5.0 μm
- 36x18x16mm
- MIPI CSI-2 x2lanes
- LD1 lamp model
- Measurement range : 0.4 ~ 1.5m

**ToF 30MP**


**DCC-VToF4**



- IMX570 (ToF)(1/4.5" )
- 640x480
- 5.0x5.0 μm
- 70x50x30mm
- MIPI CSI-2 x2lanes
- LD4 lamp model
- Measurement range : 0.4 ~ 7m

**ToF 30MP**


**SCM-ToF1**



- IMX570 (ToF)(1/4.5" )
- 640x480
- 5.0x5.0 μm
- M12 Mount (Equipped with ToF lens)
- 65x48x40.8mm
- Measurement range : 0.4 ~ 5m

**ToF**


**SCM-ToF2 15fps**



- AF0130
- 1280x960/640x480
- 3.5x3.5 μm
- Supports Dual Frequency Mode (VGA)
- SMount M12
- 65x94x73.25mm
- Measurement range : 0.2 ~ 20m

**ToF+RGB**

**SCM-RGBD1**



- IMX570 (1/4.5" )
- 640x480
- 5.0x5.0 μm
- M12 Mount (Equipped with ToF lens)
- AR0234CS (1/2.6" )
- 1920x1200
- 3.0x3.0 μm
- 83.5x48x59.2mm
- Measurement range : 0.4 ~ 5m

**2M**

**SCM-2M1**



- AR0234CS (1/2.6" )
- 1920x1200
- 3.0x3.0 μm
- M12 Mount
- 65x48x58.5mm

**4K**

**SCM-8M1**



- IMX715 (1/2.8" )
- 3840x2160
- 1.45x1.45 μm
- M12 Mount
- 65x48x58.5mm

**EVS**

**SCM-EVS1**



- GenX320
- 320x320
- 6.3x6.3 μm
- M12 Mount
- 65x48x40mm

- AI Smart Camera (SCM) Series -

- Features NXP Semiconductor IMX 8M PLUS\*\*
- USB3.0
- Optional I/F board for support of HDMI/1000BASE-T Ethernet

\*\*2 IMX 8M PLUS is a registered trademark of NXP Semiconductors NV.

## Full HD/4K/8K

Featuring Clairvu™ ISP

**Full HD** 1080p/60fps 3G-SDI

**VCC-HD4**



- IMX327 (1/2.8" )
- 1945x1097
- 2.9x2.9 μm
- C Mount
- 29x29x77mm

**Full HD** 1080p/60fps 3G-SDI

**VCC-HD5 DCC-HD5**



- IMX265 (1/1.8" )
- 1920x1080
- 3.45x3.45 μm
- C Mount
- 29x29x55mm

**4K** UHD/60fps Quad 3G-SDI

**VCC-4K2 DCC-4K2**



- IMX305 (1" )
- 3840x2160
- 3.45x3.45 μm
- M42 Mount
- 65x65x110mm

**4K** UHD/60fps 12G-SDI

**VCC-4K5 DCC-4K5**



- STARVIS2 IMX678 (1/1.8" )
- 3840x2160
- 2.0x2.0 μm
- C Mount
- 29x29x77mm

**4K** UHD/60fps Quad 3G-SDI

**DCC-4KZM**



- STARVIS IMX334 (1/1.8" )
- 3840x2160
- 2.0x2.0 μm
- Built-in 18x zoom lens
- 66x65x98mm

**5M** UHD/60fps 12G-SDI

**DCC-4K5ZM**



- STARVIS2 IMX678(1/1.8" )
- 3845x2180
- 2.0x2.0 μm
- Built-in 18x zoom lens
- 48.65x56.2x95.75mm

**4K** UHD/60fps NDI®

**DCC-4KNDI**



- STARVIS IMX334 (1/1.8" )
- 3840x2160
- 2.0x2.0 μm
- Built-in 18x zoom lens
- 68.5x68x120.6mm

**8K** UHD/60fps Quad 12G-SDI

**VCC-8K1**

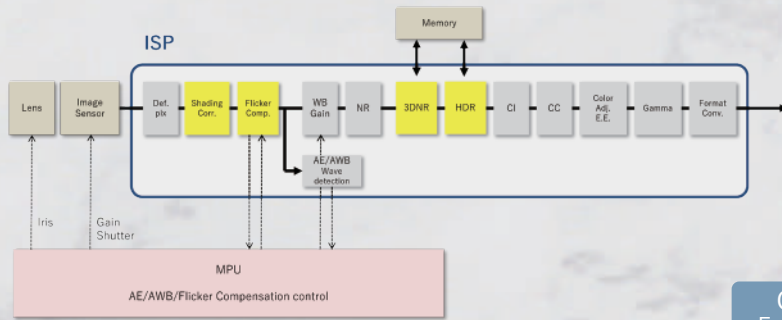


- XGS45000 (Super 35mm)
- 7680x4320
- 3.2x3.2 μm
- Selectable EF/PL mount
- 80x80x135mm

NDI® is a registered trademark of Vizrt Group.

# ISP Algorithm

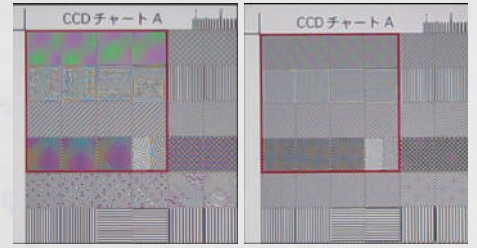
## “Clairvu™”



### Clairvu™ Features

- Achieves superior image quality with a relatively small circuit size
- Implementation of 8K 60fps complete
- High-precision color correction

**Color interpolation**  
: Less pseudo color, high resolution



Other manufacturers' camera modules

Color interpolation by Clairvu™

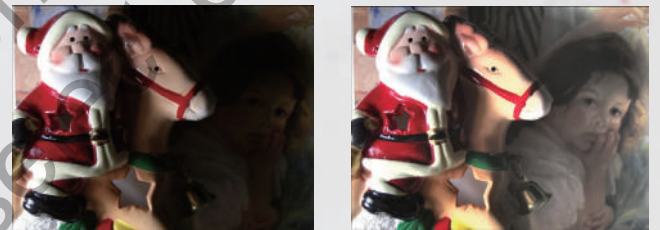
**Color correction**  
: Excellent color rendition



【before】

【after】

**Dynamic Range Enhancer (DRE)**



【before】

【after】

### Noise Reduction (3DNR)

It can suppress temporal noise without compromising the sharpness of the image.  
Adaptive noise suppression level is supported In order to minimize blur in moving areas,



【before】

【after】

## CIS Corporation

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