



CONTRASTTECH

LEO Series

Industrial Cameras






GiGE[®] VISION **USB**[®] VISION **CAMERA Link** **CoaXPRESS**[®] **10GiGE**[®] VISION

- Excellent cost performance ratio
- Resolution from 0.3MP to 150MP
- USB3.0 / GigE / 10GigE / CameraLink / CoaXPRESS optional

GigE Area Scan Cameras

Model No.	Sensor	Resolution [HxV pixels]	Frame Rate [fps]	Pixel Size [μm^2]	Sensor Size	Dynamic Range [dB]	Mono/Color	Interface	Shutter Type
LEO2 720S-125gm/gc	Sony IMX297	720 × 540	125.2	6.9	1/2.9"	74	M/C	GigE	Global
LEO2 720S-313gm/gc	Sony IMX287	720 × 540	312.9	6.9	1/2.9"	73.6	M/C	GigE	Global
LEO 720S-125gm/gc-HR	Sony IMX297	720 × 540	126.5	6.9	1/2.9"	74	M/C	GigE	Global
LEO 1300P-90gm	OnSemi PYTHON1300	1280 × 1024	90	4.8	1/2"	59.6	M	GigE	Global
LEO 1300D-90gm/gc-HR	-	1280 × 1024	92.8	4.8	1/2"	54	M/C	GigE	Global
LEO 1300S-90gm/gc-HR	SS	1280 × 1024	89.9	4	1/2.7"	54.5	M/C	GigE	Global
LEO2 1440S-65gm/gc	Sony IMX296	1440 × 1080	65.2	3.45	1/2.9"	65.2	M/C	GigE	Global
LEO 1440S-65gm/gc-HR	Sony IMX296	1440 × 1080	65.8	3.45	1/2.9"	74	M/C	GigE	Global
LEO 2000S-60gm/gc	Sony IMX430	1624 × 1240	60	4.5	1/1.7"	72	M/C	GigE	Global
LEO2 2000S-60gm/gc	Sony IMX430	1624 × 1240	60	4.5	1/1.7"	72.1	M/C	GigE	Global
LEO2 2000S-40gm	Sony	1624 × 1240	39.9	4.5	1/1.7"	72	M	GigE	Global
LEO2 2000D-51gm	OnSemi	1920 × 1200	51.3	4.5	2/3"	66	M	GigE	Global
LEO 2000P-53gc	OnSemi PYTHON2000	1920 × 1200	52.7	4.8	2/3"	57.9	C	GigE	Global
LEO 2000S-56gm/gc-HR	Sony IMX290	1920 × 1080	56	2.9	1/2.8"	90	M/C	GigE	Global
LEO 2300S-41gm/gc	Sony IMX249	1920 × 1200	41	5.86	1/1.2"	70	M/C	GigE	Global
LEO2 2300S-41gm/gc	Sony IMX249	1920 × 1200	41	5.86	1/1.2"	70	M/C	GigE	Global
LEO 3000S-38gc	Sony IMX265	2048 × 1536	37.5	3.45	1/1.8"	73	C	GigE	Global
LEO2 3000S-38gm/gc	Sony IMX265	2048 × 1536	37.5	3.45	1/1.8"	73	M/C	GigE	Global
LEO 5000A-24gm/gc-HR	Aptina AR0521	2592 × 1944	24	2.2	1/2.5"	63	M/C	GigE	Rolling
LEO 5000D-25gm-HR	-	2592 × 1944	23.1	2.2	1/2.5"	70.2	M	GigE	Rolling
LEO 5000G-20gm/gc-HR	Gpixel GMAX2505	2600 × 2160	21	2.5	1/2"	63.8	M/C	GigE	Global
LEO2 5000D-23gm/gc NEW	-	2448 × 2048	23	3.45	2/3"	23	M/C	GigE	Global
LEO2 5000S-24gm/gc	Sony IMX264	2448 × 2048	24.2	3.45	2/3"	72	M/C	GigE	Global
LEO2 5000S-35gm/gc-P	Sony IMX265	2448 × 2048	35.6	3.45	2/3"	72	M/C	GigE	Global
LEO 5000X-23gm/gc	OnSemi XGS5000	2592 × 2048	22.7	3.2	2/3"	66	M/C	GigE	Global
LEO 6000S-20gm/gc-HR	Sony IMX178	3072 × 2048	19.1	2.4	1/1.8"	71.3	M/C	GigE	Rolling
LEO2 6000S-20gm/gc	Sony IMX178	3072 × 2048	19.1	2.4	1/1.8"	71.3	M/C	GigE	Rolling
LEO2 6000S-30gm/gc-P	Sony IMX178	3072 × 2048	30.7	2.4	1/1.8"	71.3	M/C	GigE	Rolling
LEO 4096D-10gm/gc NEW	-	4096 × 2460	11.6	3.45	1"	58.2	M/C	GigE	Global
LEO 4020S-10gm/gc-HR	Sony IMX226	4024 × 3036	9.7	1.85	1/1.7"	70.5	M/C	GigE	Rolling
LEO2 5470S-6gm/gc-Lite	Sony IMX183	5472 × 3648	5.9	2.4	1"	65.5	M/C	GigE	Rolling
LEO 4096S-13gm/gc	Sony IMX267	4096 × 2160	13	3.45	1"	72.5	M/C	GigE	Global
LEO 4112X-10gm/gc	OnSemi XGS12000	4096 × 3072	9.6	3.2	1"	68	M/C	GigE	Global

► Accessories recommended for Gige Area Scan Cameras

Product Name	Gige	6pin Hirose I/O Cable	Power Supply
Model No.	VT-NET-3LK(CAB)	VT-Hirose6-7-0.5m	VT-GST25A12
Image Reference			

*The pictures are for reference only, and the actual situation is subject to the manufacturer's shipping.

LEO/LEO2 GigE cameras are available with C Mount.

LEO2 cameras support Four-sided Installation and larger temperature width design.

"-Lite": Small shell;

"-HR": Higher dynamic range;



"-p": supports lossless compression;

"DS":Discontinuation soon

USB3.0 Area Scan Cameras

Model No.	Sensor	Resolution [HxV pixels]	Frame Rate [fps]	Pixel Size [μm^2]	Sensor Size	Dynamic Range [dB]	Mono/Color	Interface	Shutter Type
LEO 640P-815um/uc	OnSemi PYTHON300	640 × 480	814.5	4.8	1/4"	59	M/C	USB 3.0	Global
LEO2 720S-526um/uc	Sony IMX287	720 × 540	526.5	6.9	1/2.9"	73.6	M/C	USB 3.0	Global
LEO 720S-526um	Sony IMX287	720 × 540	526.5	6.9	1/2.9"	74	M/C	USB 3.0	Global
LEO 1300S-150um	SS	1280 × 1024	148	4.0	1/2.7"	60	M	USB 3.0	Global
LEO 1300S-210um/uc-HR NEW	SS	1280 × 1024	240.4	4.0	1/2.7"	50.6	M/C	USB 3.0	Global
LEO 1300D-200um/uc-HR	-	1280 × 1024	201.4	4.8	1/2"	53	M/C	USB 3.0	Global
LEO 1440S-250um/uc	Sony IMX273	1440 × 1080	249.1	3.45	1/2.9"	71	M/C	USB 3.0	Global
LEO2 1440S-250um/uc	Sony IMX273	1440 × 1080	249.1	3.45	1/2.9"	71.1	M/C	USB 3.0	Global
LEO 2000S-89um/uc	Sony IMX430	1624 × 1240	89.1	4.5	1/1.7"	75.4	M/C	USB 3.0	Global
LEO2 2000S-89um/uc	Sony IMX430	1624 × 1240	89.1	4.5	1/1.7"	75.4	M/C	USB 3.0	Global
LEO 2300S-40um	Sony IMX249	1920 × 1200	41	5.86	1/1.2"	70	M	USB 3.0	Global
LEO2 2300S-40um/uc	Sony IMX249	1920 × 1200	M:41fps C:40fps	5.86	1/1.2"	70	M/C	USB 3.0	Global
LEO2 2800S-120um	Sony IMX421	1936 × 1464	132.2	4.5	2/3"	71.1	M	USB 3.0	Global
LEO2 4000D-90um NEW	-	2048 × 2048	90.1	5.5	1"	59.7	M	USB 3.0	Global
LEO2 5000D-45um/uc NEW	-	2448 × 2048	60	3.45	2/3"	73.9	M/C	USB 3.0	Global
LEO 5000D-50um-HR NEW	-	2592 × 1944	48.2	2.2	1/2.5"	65.4	M	USB 3.0	Rolling
LEO 5000S-47um	Sony IMX264	2448 × 2048	47	3.45	2/3"	72	M	USB 3.0	Global
LEO 5000S-60uc	Sony IMX264	2448 × 2048	60	3.45	2/3"	72	C	USB 3.0	Global
LEO2 5000S-60um/uc NEW	Sony IMX264	2448 × 2048	60	3.45	2/3"	71	M/C	USB 3.0	Global
LEO 5000G-60um/uc-HR	GMAX2505	2600 × 2160	59.8	2.5	1/2"	37	M/C	USB 3.0	Global
LEO 5000S-74um/uc	Sony IMX250	2448 × 2048	74	3.45	2/3"	75.4	M/C	USB 3.0	Global
LEO 5000S-74ump	Sony IMX250MZR	2448 × 2048	74	3.45	2/3"	75.4	Polarsens	USB 3.0	Global
LEO2 6000S-60um/uc-P	Sony IMX178	3072 × 2048	59.6	2.4	1/1.8"	71.3	M/C	USB 3.0	Rolling
LEO 6000S-60um/uc-HR NEW	Sony IMX178	3072 × 2048	59.6	2.4	1/1.8"	66.4	M/C	USB 3.0	Rolling
LEO 4020S-32um/uc-HR	Sony IMX226	4000 × 3036	31.9	1.85	1/1.7"	70.5	M/C	USB 3.0	Rolling
LEO 4096S-32um/uc	Sony IMX267	4096 × 2160	32	3.45	1"	72	M/C	USB 3.0	Global
LEO 4112X-30um/uc	OnSemi XGS12000	4096 × 3072	28	3.2	1"	68	M/C	USB 3.0	Global
LEO 5470S-19um/uc	Sony IMX183	5472 × 3648	19.2	2.4	1"	65.5	M/C	USB 3.0	Rolling
LEO2 5470S-19um/uc-Lite	Sony IMX183	5472 × 3648	19.2	2.4	1"	65.5	M/C	USB 3.0	Rolling

► Accessories recommended for USB3.0 Area Scan Cameras

Product Name	USB3.0 Cable	6pin Hirose I/O Cable
Model No.	VT-USB3-3M(CAB-B)	VT-Hirose6-7-0.5m
Image Reference		

*The pictures are for reference only, and the actual situation is subject to the manufacturer's shipping.

LEO USB3.0 cameras are available with C Mount.

LEO2 cameras support Four-sided Installation and larger temperature width design.

"-Lite": Small shell;

"-HR": Higher dynamic range;

"-p" supports lossless compression;

"DS": Discontinuation soon

Cameralink Area Scan Cameras

Model No.	Sensor	Resolution [HxV pixels]	Frame Rate [fps]	Pixel Size [μm^2]	Sensor Size	Dynamic Range [dB]	Mono/Color	Interface	Shutter Type
LEO 4000D-180cm NEW	-	2048 × 2048	180	5.5	1"	59.7	M	Camera Link	Global
LEO 5000S-140cm/cc	Sony IMX250	2432 × 2048	140	3.45	2/3"	75.4	M/C	Camera Link	Global
LEO 5000S-35cm	Sony IMX264	2448 × 2048	35	3.45	2/3"	72	M/C	Camera Link	Global
LEO 12MS-70cm/cc	Sony IMX253	3840 × 3000	M:69.8/C:68.1	3.45	1.1"	71.6	M/C	Camera Link	Global
LEO 12MS-23cm	Sony IMX304	4096 × 3000	23.4	3.45	1.1"	72.2	M	Camera Link	Global
LEO 100MS-8cm	Sony IMX461	11520 × 8740	8.1	3.76	55	78	M	Camera Link	Rolling
LEO 100MSC-8cm/cc	Sony IMX461	11520 × 8740	8.1	3.76	55	78	M/C	Camera Link	Rolling

► Accessories recommended for Cameralink Area Scan Cameras

Product Name	Cameralink Cable	6/12pin Hirose I/O Cable	Power Supply
Model No.	VT-CL-1M(S-S)	VT-Hirose6-7-0.5m / VT-Hirose12-13-1.5M	VT-GST25A12
Image Reference		6pin 12pin	

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LEO CL large area scan cameras are available with M58, M72,C-Mount or F-Mount[depending on model].

GigE/USB3.0 Large Area Scan Cameras

Model No.	Sensor	Resolution [HxV pixels]	Frame Rate [fps]	Pixel Size [μm^2]	Sensor Size	Dynamic Range [dB]	Mono/Color	Interface	Shutter Type
LEO 1770S-68gm/gc	Sony IMX432	1608 × 1104	68.5	9	1.1"	72.44	M/C	GigE	Global
LEO2 1770S-68gm/gc	Sony IMX432	1608 × 1104	68.5	9	1.1"	72.44	M/C	GigE	Global
LEO 12MS-9gm/gc	Sony IMX304	4096 × 3000	9.4	3.45	1.1"	72.2	M/C	GigE	Global
LEO 12MS-9gm-Lite	Sony IMX304	4096 × 3000	9.4	3.45	1.1"	72.2	M	GigE	Global
LEO 16MD-7gm	-	4000 × 4000	7	3.2	1.1"	65	M	GigE	Global
LEO 25MP-5gm/gc	OnSemi PYTHON25K	5120 × 5120	4.64	4.5	23 × 23	58	M/C	GigE	Global
LEO 25MG-5gm/gc/gNIR	Gpixel GMAX0505	5120 × 5120	4.5	2.5	1.1"	65	M/C/NIR	GigE	Global
LEO 31MS-4gm/gc	Sony IMX342	6464 × 4852	3.9	3.45	22.3 × 16.7	73	M/C	GigE	Global
LEO 12MS-30um/uc	Sony IMX304	4096 × 3000	30.3	3.45	1.1"	72.2	M/C	USB 3.0	Global
LEO 25MG-14um/uc	Gpixel GMAX0505	5120 × 5120	14.3	2.5	1.1"	65	M/C	USB 3.0	Global

► Accessories recommended for Gige Large Area Scan Cameras

Product Name	Gige Cable	6/12pin Hirose I/O Cable	Power Supply
Model No.	VT-NET-3LK(CAB)	VT-Hirose6-7-0.5m / VT-Hirose12-13-1.5M	VT-GST25A12
Image Reference		6pin 12pin	

► Accessories recommended for USB3.0 Large Area Scan Cameras

Product Name	USB3.0 Cable	6pin Hirose I/O Cable	Power Supply
Model No.	VT-USB3-3M(CAB-B)	VT-Hirose6-7-0.5m	VT-GST25A12
Image Reference			

*The pictures are for reference only, and the actual situation is subject to the manufacturer's shipping.

LEO GigE large area scan cameras are available with M58,C-Mount or F-Mount[depending on model].




LEO USB3.0 large area scan cameras are available with C-Mount.

"-Lite":Small shell; "NIR":Near Infrared Enhanced; "DS":Discontinuation soon

10GigE Area Scan Cameras

Model No.	Sensor	Resolution [HxV pixels]	Frame Rate [fps]	Pixel Size [μm^2]	Sensor Size	Dynamic Range [dB]	Mono/Color	Interface	Shutter Type
LEO 12MS-68Tgm/Tgc(V2)	Sony IMX253	4096 × 3000	68.3	3.45	1.1"	71.6	M/C	10GigE	Global
LEO 24MS-35Tgm	Sony IMX540	5320 × 4600	35.1	2.74	1.2"	71	M	10GigE	Global
LEO 25MD-30Tgm	-	5120 × 5120	31.7	4.5	23 × 23	66	M	10GigE	Global
LEO 25MG-40Tgm/Tgc	Gpixel GMAX0505	5120 × 5120	41.5	2.5	1.1"	63	M/C	10GigE	Global
LEO 31MS-17Tgm/Tgc	Sony IMX342	6464 × 4852	17.2	3.45	24.9 × 16.6	73	M/C	10GigE	Global
LEO 50MG-15Tgm/Tgc	Gpixel GMAX	7008 × 7000	15.5	3.2	22.4 × 22.4	66	M/C	10GigE	Global
LEO 65MG-15Tgm/Tgc	Gpixel GMAX3265	9344 × 7000	15.5	3.2	29.9 × 22.4	66	M/C	10GigE	Global
LEO 150MSC-6Tgm	Sony IMX411	14208 × 10640	6.2	3.76	66.7	78.8	M	10GigE	Rolling

► Accessories recommended for 10GigE Area Scan Cameras

Product Name	10GigE Cable	12pin Hirose I/O Cable	Power Supply
Model No.	VT-HNET-3M	VT-Hirose12-13-1.5M	VT-GST25A12
Image Reference			

*The pictures are for reference only, and the actual situation is subject to the manufacturer's shipping .

LEO 10GigE cameras are available with M58,M72,F-Mount or C-Mount[depending on model].




"V2":Version 2;

"DS":Discontinuation soon

Coaxpress Area Scan Cameras

Model No.	Sensor	Resolution [HxV pixels]	Frame Rate [fps]	Pixel Size [μm^2]	Sensor Size	Dynamic Range [dB]	Mono/Color	Interface	Shutter Type
LEO 12MC-188xm NEW	CMV12000	4096 × 3072	188	5.5	22.5 × 16.9	-	M	CoaxPress	Global
LEO 12MC-330xm NEW	CMV12000	4096 × 3072	330	5.5	22.5 × 16.9	-	M	CoaxPress	Global
LEO 21MG-220xm/xc	Gpixel Gsprint4521	5120 × 4096	222	4.5	23.04 × 18.43	65	M/C	CoaxPress	Global
LEO 25MG-150xm/xc	Gpixel GMAX0505	5120 × 5120	150	2.5	1.1"	63	M/C	CoaxPress	Global
LEO 25MG-41xm NEW	Gpixel GMAX0505	5120 × 5120	41.5	2.5	1.1"	63	M	CoaxPress	Global
LEO 65MG-32xm/xc	Gpixel GMAX3265	9216 × 7000	31.5	3.2	29.9 × 22.4	66	M/C	CoaxPress	Global
LEO 65MG-71xm/xc	Gpixel GMAX3265	9344 × 7000	71	3.2	29.9 × 22.4	66	M/C	CoaxPress	Global
LEO 150MS-6xm/xc	Sony IMX411	14208 × 10640	6.2	3.76	66.7	78.7	M/C	CoaxPress	Rolling
LEO 150MSC-6xm/xc	Sony IMX411	14208 × 10640	6.2	3.76	66.7	78.7	M/C	CoaxPress	Rolling
LEO 600MS-6xm	Sony IMX411	28416 × 21280	1.45	3.76	66.7	78.7	M	CoaxPress	Rolling

► Accessories recommended for Coaxpress Area Scan Cameras

Product Name	Coaxpress Cable	12pin Hirose I/O Cable	Power Supply
Model No.	VT-CX-3M	VT-Hirose12-13-1.5M	VT-GST25A12
Image Reference			

*The pictures are for reference only, and the actual situation is subject to the manufacturer's shipping .

LEO CXP large area scan cameras are available with M58, M72,C-Mount or F-Mount[depending on model].

Line Scan Cameras

Model No.	Sensor	Resolution [HxV pixels]	Line Rate [KHz]	Bit Depth	Pixel Size [μm^2]	Mono/Color	Interface	Lens Interface
LEO 2048-L56gm	CMOS	2048 × 1	56	8/10/12	7	M	GigE	M42
LEO 2048-L32gc	CMOS	2048 × 2	32	8/10/12	7	C	GigE	M42
LEO2 2048G-L56gm	CMOS	2048 × 1	56 / 100	8/10/12	14	M	GigE	M42
LEO2 2048G-L19gc	CMOS	2048 × 2	19 / 40	8/10/12	14	C	GigE	M42
LEO2 2048G-L58gm TDI	CMOS	2048 × 2	58 / 86	8/10/12	7	M	GigE	M42
LEO2 2048G-L58gc	CMOS	2048 × 3	58 / 70	8/10/12	7	C	GigE	M42
LEO2 4096G-L28gm TDI	CMOS	4096 × 2	28 / 80	8/10/12	7	M	GigE	M42
LEO2 4096G-L19gc	CMOS	4096 × 2	19 / 80	8/10/12	7	C	GigE	M42
LEO 8192G-L14gm TDI	CMOS	8192 × 4	14 / 40	8/10/12	5	M	GigE	M72
LEO 8192G-L14gc TDI	CMOS	8192 × 6	14 / 40	8/10	5	C	GigE	M72
LEO 8KGT2-L200Tgm TDI NEW	CMOS	8192 × 2	200	8/10	7	M	10 GigE	M72
LEO 8KG-L66Tgc NEW	CMOS	8192 × 3	66.6	8/10	7	C	10 GigE	M72
LEO 4KT2-100cm TDI	CMOS	4096 × 2	100	8/10/12	7	M	Camera Link	M42
LEO 4K-100cc	CMOS	4096 × 2	100	8/10/12	7	C	Camera Link	M42
LEO 8K-80CM NEW	CMOS	8192 × 1	80	8/10	7	M	Camera Link	M72
LEO 8KT2-100CM NEW	CMOS	8192 × 2	100	8/10	7	M	Camera Link	M72
LEO 8K-34cc NEW	CMOS	8192 × 3	33.7	8/10	7	C	Camera Link	M72
LEO 8KT4-100cm TDI	CMOS	8192 × 4	100	8/10/12	5	M	Camera Link	M72
LEO 8KT4S-100cm TDI	CMOS	8192 × 16	100	8/10/12	5	M	Camera Link	M72
LEO 8KT2-34cc TDI	CMOS	8192 × 6	33.7	8/10	5	C	Camera Link	M72
LEO 8KT4-34cc TDI	CMOS	8192 × 12	34	8/10	5	C	Camera Link	M72
LEO 16K-40cm	CMOS	16384 × 1	50	8/10/12	3.5	M	Camera Link	M72
LEO 16K-50cm NEW	CMOS	16384 × 2	50	8/10/12	3.5	M	Camera Link	M72

► Accessories recommended for Gige Line Scan Cameras

Product Name	Gige Cable	12pin Hirose I/O Cable	Power Supply
Model No.	VT-NET-3LK(CAB)	VT-Hirose12-13-1.5M	VT-GST25A12
Image Reference			

► Accessories recommended for Cameralink Line Scan Cameras

Product Name	Cameralink Cable	12pin Hirose I/O Cable	Power Supply
Model No.	VT-CL-1M(S-S)	VT-Hirose12-13-1.5M	VT-GST25A12
Image Reference			

*The pictures are for reference only, and the actual situation is subject to the manufacturer's shipping.

LEO Line Scan cameras are available with M42,M72[depending on model].

Board Level Cameras

Model No.	Sensor	Resolution [HxV pixels]	Frame Rate [fps]	Pixel Size [μm^2]	Sensor Size	Mono/Color	Interface	Lens Interface	Shutter Type
LEO 720S-125gm/gc-BC	Sony IMX297	720 × 540	125.2	6.9	1/2.9"	M/C	GigE	C-Mount	Global
LEO 720S-125gm/gc-BS	Sony IMX297	720 × 540	125.2	6.9	1/2.9"	M/C	GigE	S-Mount	Global
LEO 720S-125gm-BSW	Sony IMX297	720 × 540	125.2	6.9	1/2.9"	M/C	GigE	S-Mount	Global
LEO 1440S-65gm/gc-BS	Sony IMX296	1440 × 1080	65.2	3.45	1/2.9"	M/C	GigE	S-Mount	Global
LEO 1440S-65gm/gc-BC	Sony IMX296	1440 × 1080	65.2	3.45	1/2.9"	M/C	GigE	C-Mount	Global
LEO 1440S-65gm-BLW	Sony IMX296	1440 × 1080	65.2	3.45	1/2.9"	M	GigE	No-Mount	Global
LEO 1440S-65gm/gc-BSW	Sony IMX296	1440 × 1080	65.2	3.45	1/2.9"	M/C	GigE	S-Mount	Global
LEO 6000S-30gm/gc-BSW	Sony IMX178	3072 × 2048	19.1/30.7	2.4	1/1.8"	M/C	GigE	S-Mount	Rolling
LEO 6000S-30gm/gc-BC	Sony IMX178	3072 × 2048	19.1/30.7	2.4	1/1.8"	M/C	GigE	C-Mount	Rolling
LEO 6000S-30gm/gc-BS	Sony IMX178	3072 × 2048	19.1/30.7	2.4	1/1.8"	M/C	GigE	S-Mount	Rolling
LEO 6000S-30gm-BL	Sony IMX178	3072 × 2048	19.1/30.7	2.4	1/1.8"	M	GigE	No-Mount	Rolling
LEO 1300P-170um/uc-BL	OnSemi PYTHON1300	1280 × 1024	170	4.8	1/2"	M/C	USB 3.0	No-Mount	Global
LEO 1300P-170um/uc-BC	OnSemi PYTHON1300	1280 × 1024	170	4.8	1/2"	M/C	USB 3.0	C-Mount	Global
LEO 1300P-170um/uc-BS	OnSemi PYTHON1300	1280 × 1024	170	4.8	1/2"	M/C	USB 3.0	S-Mount	Global
LEO 1300D-200um/uc-BC	-	1280×1024	201	4.8	1/2"	M/C	USB 3.0	C-Mount	Global
LEO 1300D-200um-DB NEW DC	-	1280×1024	100	4.8	1/2"	M/M	USB 3.0	C-Mount	Global
LEO 1300D-200um/uc-BS	-	1280×1024	201	4.8	1/2"	M/C	USB 3.0	S-Mount	Global
LEO 1300D-200um/uc-BL	-	1280×1024	201	4.8	1/2"	M/C	USB 3.0	No-Mount	Global
LEO 5000S-60uc-BC	Sony IMX264	2448 × 2048	60	3.45	2/3"	C	USB 3.0	C-Mount	Global
LEO 6000S-17um-BL	Sony IMX178	3072 × 2048	17	2.4	1/1.8"	M	USB 3.0	No-Mount	Rolling
LEO 6000S-17um-BC	Sony IMX178	3072 × 2048	17	2.4	1/1.8"	M	USB 3.0	C-Mount	Rolling
LEO 6000S-17um-BS	Sony IMX178	3072 × 2048	17	2.4	1/1.8"	M	USB 3.0	S-Mount	Rolling
LEO 6000S-29uc-BL	Sony IMX178	3072 × 2048	29	2.4	1/1.8"	C	USB 3.0	No-Mount	Rolling
LEO 6000S-29uc-BC	Sony IMX178	3072 × 2048	29	2.4	1/1.8"	C	USB 3.0	C-Mount	Rolling
LEO 6000S-29uc-BS	Sony IMX178	3072 × 2048	29	2.4	1/1.8"	C	USB 3.0	S-Mount	Rolling
LEO 4020S-28um-BL	Sony IMX226	4032 × 3036	28	1.85	1/1.7"	M	USB 3.0	No-Mount	Rolling
LEO 4020S-28um-BC	Sony IMX226	4032 × 3036	28	1.85	1/1.7"	M	USB 3.0	C-Mount	Rolling
LEO 4020S-28um-BS	Sony IMX226	4032 × 3036	28	1.85	1/1.7"	M	USB 3.0	S-Mount	Rolling
LEO 4020S-21uc-BL	Sony IMX226	4032 × 3036	21	1.85	1/1.7"	C	USB 3.0	No-Mount	Rolling
LEO 4020S-21uc-BC	Sony IMX226	4032 × 3036	21	1.85	1/1.7"	C	USB 3.0	C-Mount	Rolling
LEO 4020S-21uc-BS	Sony IMX226	4032 × 3036	21	1.85	1/1.7"	C	USB 3.0	S-Mount	Rolling

► Accessories recommended for GigE Board Level Cameras

Product Name	Gige Cable	6pin I/O Cable
Model No.	WTB2RJ45-3M	VT-TR6P-xxM
Image Reference		

LEO Board Level cameras are available with C-Mount,CS-Mount,S-Mount,No-Mount[depending on model].

► Accessories recommended for USB3.0 Board Level Cameras

Product Name	USB3.0 Cable	4/6pin I/O Cable
Model No.	VT-USB3-3M(CAB-B)	VT-TR4P-xxM/VT-TR2*3P-xxM
Image Reference		

DC: Double Cameras

*The pictures are for reference only, and the actual situation is subject to the manufacturer's shipping.

Cables [GigE]

Vision Datum’s high-quality GigE-compliant cables offer a robust interface for reliable high-speed data transmission. Camera-end locking screws ensure a secure interface despite the shocks and vibrations common to industrial environments. Available in 3, 5 and 10 meter lengths, these cables are a cost-effective solution for your machine vision application.

- GigE standard compliant
- Simple integration into image processing applications
- Camera-end locking screws
- 3, 5 and 10 m lengths available
- Low-cost GigE cable



Product Code	Connects...	To...	Length
VT-NET-3LK(CAB)	RJ45(with locking stud)	RJ45	3M
VT-NET-5LK(CAB)	RJ45(with locking stud)	RJ45	5M
VT-NET-10LK(CAB)	RJ45(with locking stud)	RJ45	10M

Cables [USB 3.0]

Ideal for standard imaging applications, Vision Datum offers a selection of USB 3.0 cables. These robust cables feature camera-end locking screws to ensure application stability in industrial environments where shock and vibration are an issue.

- USB3.0 standard compliant
- Simple integration into all image processing applications
- Camera-end locking screws
- Plug and play functionality
- 3, 5 ,10 and 20m lengths available
- Low-cost USB cable



Product Code	Connects...	To...	Length
VT-USB3.0-3M(CAB-B)	USB 3.0 [Type-A]	USB 3.0 [Micro-B] Locking screws	3M
VT-USB3.0-5M-H	USB 3.0 [Type-A]	USB 3.0 [Micro-B] Locking screws	5M
VT-USB3.0-10M/20M-AOC	USB 3.0 [Type-A]	USB 3.0 [Micro-B] Locking screws	10M/20M
VT-USB3-3M(90D-RAU)	USB 3.0 [Type-A]	USB 3.0 [Micro-B] Locking screws	3M

"-H":High Flexibility; "-AOC ":Active Optical Fiber.

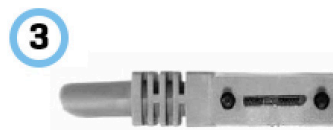
90° USB Cables Schematic Diagram



MICRO-B
R/A UP
w/Recessed Screws



MICRO-B
R/A DOWN
w/Recessed Screws



MICRO-B
EXIT RIGHT
w/Recessed Screws



MICRO-B
EXIT LEFT
w/Recessed Screws

Cables [CoaXPress]

ContrasTech provides a low-cost solution. A large variety of possible cables allowed: thick ones for large distance, thin or flexible for shorter distance. The easy possibility to install and terminate connectors in the field.

- CoaXPress standard compliant
- Simple integration into all image processing applications
- High transmission rate
- Plug and play functionality
- 3, 5, 10 and 15 m lengths available

Product Code	Connects...	To...	Length
VT-CX-3M	BNC	BNC	3M
VT-CX-3M-H	BNC	BNC	3M
VT-CX-3M-S	DIN	DIN	3M



Cables [CameraLink]

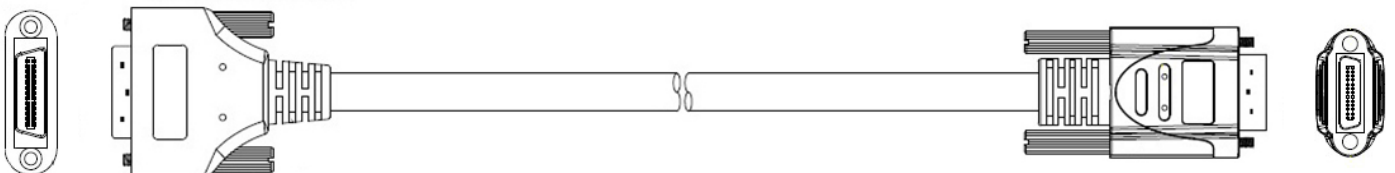
Purpose: CameraLink cable can realize high-speed image data transmission between CameraLink interface camera and frame grabber, supporting the use of special industrial environment.

- High transmission rate, plug and play function
- Connector molds are linear and right-angled
- There are standard lengths of 3m and 5m to choose from, and size customization is also accepted
- There are static standard type and high flexibility and bending resistance / high sliding type cables to choose from

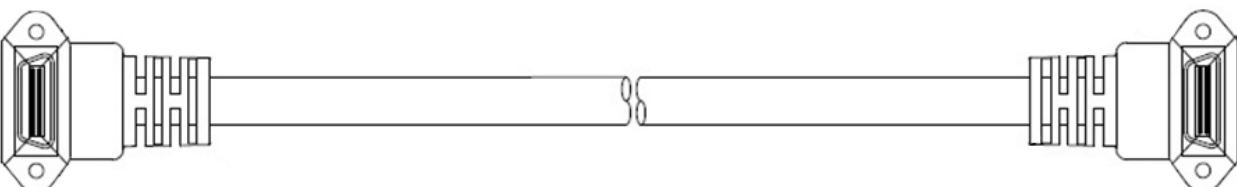
Product Model		Connector 1	Connector 2	Length
Main Code	Sub Code			
VT-CL-3M/5M	M0M-S0M	MDR	SDR	3M / 5M
	M0M-S0M-H	MDR	SDR	3M / 5M
	S0M-S0M	SDR	SDR	3M / 5M
	M0M-M0M	MDR	MDR	3M / 5M
	M0M-M0M-H	MDR	MDR	3M / 5M



- MDR26 Male [Straight Type] - SDR26 Male [Straight Type]



- SDR26 Male [Right Angle Type] - SDR26 Male [Right Angle Type]



Cables [POWER and I/O]

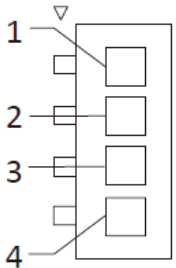
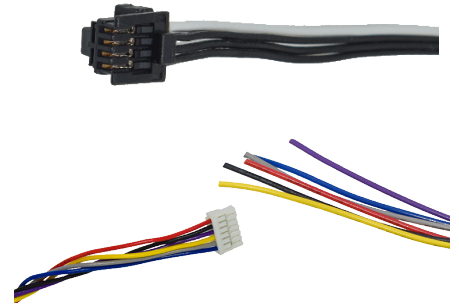
VT-Hirose cables can be used to power and control the I/O on LEO area scan cameras. This cable uses a Hirose 6-pin/12-pin connector on the camera side. The other end is open and the length can be customized, allowing the wire to be shortened to match individual requirements.

Product Code	Connects...	To...	Length
VT-Hirose6-7-0.5M	HRS 6pin	Open	0.5M
VT-Hirose12-13-1.5M	HRS 12pin	Open	1.5M
VT-TR4/6P-x×M	4/6 pin	Open	/

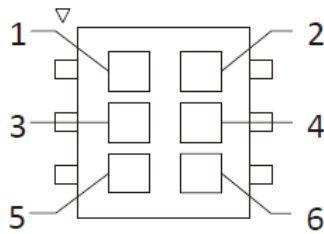


VT-TR cable is suitable for Board-level camera I/O control. The 4-pin/6-pin connector is used at the Board-level camera side, which can be selected according to the actual interface. The other end of the wire is open, allowing the wire to be shortened to meet individual needs.

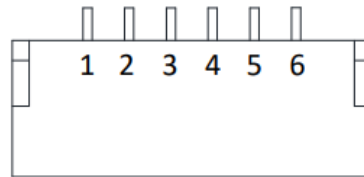
Product Code	Connects...	To...	Camera	Length
VT-TR4P-x×M	4 pin	Open	USB3.0 Board-level Camera	/
VT-TR2*3P-x×M	2*3 pin	Open	USB3.0 Board-level Camera	/
VT-TR6P-x×M	6 pin	Open	GigE Board-level Camera	/



[USB3.0 Board-level Camera]



[USB3.0 Board-level Camera]



[Gige Board-level Camera]

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