

Basler Cameras

PRODUCT LINE OVERVIEW



TECHNICAL DETAILS

Area Scan Cameras



Basler scout	Sensor	Resolution (H x V pixels)	Frame Rate [Hz]	Mono/Color	Bit Depth	Interface	Pixel Size [μm^2]	Sensor Size [mm^2]	Optical Size
scA640-70fm/fc	ICX424	659 x 494	71	m/c	8/12	IEEE 1394b	7.4 x 7.4	4.88 x 3.66	1/3"
scA640-74fm/fc	ICX414	659 x 494	74	m/c	8/12	IEEE 1394b	9.9 x 9.9	6.52 x 4.89	1/2"
scA640-120fm/fc	ICX618	659 x 494	122	m/c	8/12	IEEE 1394b	5.6 x 5.6	3.69 x 2.77	1/4"
scA750-60fm/fc	MT9V022	752 x 480	64	m/c	8	IEEE 1394b	6.0 x 6.0	4.51 x 2.88	1/3"
scA780-54fm/fc	ICX415	782 x 582	54	m/c	8/12	IEEE 1394b	8.3 x 8.3	6.49 x 4.83	1/2"
scA1000-30fm/fc	ICX204	1034 x 779	30	m/c	8/12	IEEE 1394b	4.65 x 4.65	4.81 x 3.62	1/3"
scA1300-32fm/fc	ICX445	1296 x 966	32	m/c	8/12	IEEE 1394b	3.75 x 3.75	4.81 x 3.62	1/3"
scA1390-17fm/fc	ICX267	1392 x 1040	17	m/c	8/12	IEEE 1394b	4.65 x 4.65	6.47 x 4.84	1/2"
scA1400-17fm/fc	ICX285	1392 x 1040	17	m/c	8/12	IEEE 1394b	6.45 x 6.45	8.98 x 6.71	2/3"
scA1400-30fm/fc	ICX285	1392 x 1040	30	m/c	8/12	IEEE 1394b	6.45 x 6.45	8.98 x 6.71	2/3"
scA1600-14fm/fc	ICX274	1628 x 1236	14	m/c	8/12	IEEE 1394b	4.4 x 4.4	7.16 x 5.44	1/1.8"
scA1600-28fm/fc	ICX274	1628 x 1236	28	m/c	8/12	IEEE 1394b	4.4 x 4.4	7.16 x 5.44	1/1.8"

scout cameras are available with C-mount.

Area Scan Cameras



Basler Area Scan	Sensor	Resolution (H x V pixels)	Frame Rate [Hz]	Mono/Color	Bit Depth	Interface	Pixel Size [μm^2]	Sensor Size [mm^2]	Optical Size
A102f/fc	ICX285	1392 x 1040	15	m/c	8/12	IEEE 1394a	6.45 x 6.45	8.98 x 6.71	2/3"
A601f/fc	MT9V403	656 x 491	60	m/c	8/10	IEEE 1394a	9.9 x 9.9	6.49 x 4.86	1/2"
A602f/fc	MT9V403	656 x 491	100	m/c	8/10	IEEE 1394a	9.9 x 9.9	6.49 x 4.86	1/2"
A631f/fc	ICX267	1392 x 1040	18.7	m/c	8/12	IEEE 1394a	4.65 x 4.65	6.47 x 4.84	1/2"
A641f/fc	ICX274	1624 x 1236	14	m/c	8/12	IEEE 1394a	4.4 x 4.4	7.15 x 5.44	1/1.8"

These cameras are available with C-mount.

Basler Camera Thailand

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