

Type	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount
format	2/3"	2/3"	2/3"	2/3"	2/3"	2/3"	2/3"
match sensor	IMX 174 & IMX249 IMX 250 &IMX 264	IMX 174 & IMX249 IMX 250 &IMX 264	IMX 174 & IMX249 IMX 250 &IMX 264	IMX 174 & IMX249 IMX 250 &IMX 264	IMX 174 & IMX249 IMX 250 &IMX 264	IMX 174 & IMX249 IMX 250 &IMX 264	IMX 174 & IMX249 IMX 250 &IMX 264
Focal length [mm]	8	9	12	16	25	35	50
F# range	1.4-16	1.8-16	1.8-16	1.8-16	1.8-16	1.8-16	1.8-16
Resolution [MP]	3MP	3MP	3MP	3MP	3MP	3MP	3MP
MTF [lp/mm]	120lp/mm	120lp/mm	120lp/mm	120lp/mm	120lp/mm	120lp/mm	120lp/mm
Working Distance [m]	0.1-infinity	0.1-infinity	0.1-infinity	0.1-infinity	0.15-infinity	0.25-infinity	0.4-infinity
Front diameter [mm]	39	29	29	29	29	29	29
Back focus[mm]	12.6	10.867	11.72	13.5	12.7	11.72	11.35
Lenght to sensor[mm]	62.15	47.43	54.12	53.4	43	53.8	55.8
Filter winding	M37x0.5	M27x0.5	M27x0.5	M27x0.5	M27x0.5	M27x0.5	M27x0.5
Relative illumination	50%	60%	42%	50%	50%	60%	65%
Distortion [%]	0.50%	-0.50%	-0.30%	-0.30%	-0.10%	<0.10%	-0.10%
FOV @2/3" (D x V x H)	69.02°× 44.83°×57.62°	62°× 19.77°×51.22°	48°× 29.4°×38.5°	36.8°× 22.2°×29.1°	24.2°× 14.04°×18.68°	17.5°× 9.6°×12.8°	12.6°×6.86°×9.14°
FOV @1/2" (D x V x H)	53.13°× 33.40°×43.60°	47.09°× 29.3°×38.44°	36°× 21.6°×30.3°	26.6°× 16.3°×21.5°	17°× 10.26°×13.64°	11.68°× 7°×9.3°	8.3°×4.98°×6.64°
FOV @1/3" (D x V x H)	41.11°× 25.36°×33.40°	36.19°×22.19°× 29.3°	27°× 16.4°×21.6°	20°× 12.4°×16.3°	13°× 7.7°×10.26°	8.8°× 5.24°×7°	6.2°×3.73°×4.98°
FOV @1/4" (D x V x H)	28.07°× 17.06°×22.62°	27.54°×16.73°× 22.19°	22.6°× 12.4°×16.4°	15.2°× 9.6°×12.4°	9.6°× 5.76°×7.7°	6.56°× 3.94°×5.24°	4.66°×2.8°×3.73°
Wavelength [nm]	400-950nm	400-950nm	400-950nm	400-950nm	400-950nm	400-950nm	400-950nm
CRA	3.96°	7.55°	5.55°	7.36°	8.9°	10.57°	6.14°
Operating Temperature [°C]	-20 to +65	-20 to +65	-20 to +65	-20 to +65	-20 to +65	-20 to +65	-20 to +65
weight(g)	200	TBD		71	60.5	71	
Dimension(mm)	∅ 39 x 46.10	∅ 29x31.70	∅ 29x41.98	∅ 29x41.47	∅ 29x35.03	∅ 29x38.20	∅ 29x36.40
Ordering code	AZURE-0814M3M	AZURE-0918M3M	AZURE-1218M3M	AZURE-1618M3M	AZURE-2518M3M	AZURE-3518M3M	AZURE-5018M3M

Match with IMX174 & 249 @ 500MM working distance

