



Planetary Cameras and Guiders

QHY5L-II-M, QHY5III200M
QHY5III174M/C, QHY5III678M/C
QHY5III462C, QHY5III485C, QHY5III585C



Model	QHY5L-II-M	QHY5III200M	QHY5III174M/C	QHY5III678M/C	QHY5III462M/C	QHY5III485C	QHY5III585C
Sensor	MT9M034	SC2210	Sony IMX174	Sony IMX678	Sony IMX462	Sony IMX485	Sony IMX585
Illumination	Front Illuminated	Back Illuminated	Front Illuminated	Back Illuminated	Back Illuminated	Back Illuminated	Back Illuminated
Total Pixels	1.2 Megapixels	6.3 Megapixels	2.3 Megapixels	8.4 Megapixels	2 Megapixels	8.4 Megapixels	8.4 Megapixels
Pixel Size	3.75um	2.4um	5.86um	2.0um	2.9um	2.91um	2.9um
Pixel Array	1280 x 960	3072 x 2048	1920 x 1200	3856 x 2180	1820 x 1080	3864 x 2180	3856 x 2180
Optical Format	1/3-inch	1/1.8-inch	1/1.2-inch	1/1.8-inch	1/2.8-inch	1/1.2-inch	1/1.2-inch
Interface	USB 2.0	USB 3.2	USB 3.0	USB 3.2	USB 3.0	USB 3.0	USB 3.2
Full Frame Rate	30 FPS	60 FPS	138 FPS	41 FPS	135 FPS (8-bit)	44 FPS	23 FPS
ROI Frame Rate	106 FPS 640x480	200 FPS @ 8-bits	490 FPS 480x300	190 FPS 764x512	>135 FPS	190 FPS 480 lines	177 FPS 480 lines
A/D Resolution	12-bit	12-bit	12-bit	12-bit	12-bit	12-bit	12-bit
Mono / Color	Mono Only	Mono Only	Mono / Color	Mono / Color	Mono / Color	Color Only	Color Only
Guide Port	ST-4	ST-4	ST-4	ST-4	ST-4	ST-4	ST-4
Weight (M/C)	51g	90g	89g	90g	88g	90g	90g
Frame Buffer	No	512MB DDR3	No	512MB DDR3	No	No	512MB DDR3
Lens Compatibility	CS (C optional)	CS and C	CS (C optional)	CS and C	CS (C optional)	CS (C optional)	CS and C
Remarks	75% QE	Extended NIR	78% QE	High Res High QE	Extended NIR	All Sky Lens incl.	Extended NIR
Price (M/C)	\$149	\$309	\$629 / \$599	\$349 / \$299	\$249 / \$249	\$359	\$399

Specifications subject to change without notice. For the latest product information visit

www.QHYCCD.com