

This table comes from the Santa Barbara Instrumentation Group (SBIG):

<http://www.sbig.com>

Camera Model	CCD	CCD Size (mm)	Pixel Size (microns)	Pixel Array	# Pixels	Full Well Capacity	ABG	A/D	Read Noise	Dark Current (1)	TE Cooling Stages	Cooling Delta Deg. C
STV ⁽³⁾	TC-237	4.9 x 3.7	7.4 x 7.4	656 x 480 ⁽⁴⁾	314,800	20,000 e-	Yes	10 to 16 bits	17 e-	5 e- ⁽¹⁾	1	up to -25
ST-402ME	KAF-0402ME	6.9 x 4.6	9 x 9	765 x 510	390,150	100,000 e- (NABG)	Yes/ No	16 bits	15 e-	1 e-	1	-25
ST-7XME	KAF-0402ME (+TC-237)	6.9 x 4.6	9 x 9	765 x 510	390,150	100,000 e- (NABG)	Yes/ No	16 bits	15 e-	1 e-	1 or 2	-45 ⁽⁶⁾
ST-8XME	KAF-1603ME (+TC-237)	13.8 x 9.2	9 x 9	1530 x 1020	1.5 million	100,000 e- (NABG)	Yes/ No	16 bits	15 e-	1 e-	1 or 2	-45 ⁽⁶⁾
ST-9XE	KAF-0261E (+TC-237)	10.2 x 10.2	20 x 20	512 x 512	262,000	150,000 e-	No	16 bits	15 e-	4 e-	1 or 2	-45 ⁽⁶⁾
ST-10XME	KAF-3200E (+TC-237)	14.9 x 10	6.8 x 6.8	2184 x 1472	3.2 million	77,000 e-	No	16 bits	10 e-	0.5 e-	1 or 2	-45 ⁽⁶⁾
ST-2000XM	KAI-2001M (+TC-237)	11.8 x 8.9	7.4 x 7.4	1600 x 1200	1.92 million	45,000 e-	Yes	16 bits	8 e-	<0.1 e-	1 or 2	-45 ⁽⁶⁾
ST-2000XCM	KAI-2001CM (+TC-237)	11.8 x 8.9	7.4 x 7.4	1600 x 1200	1.92 million	45,000 e-	Yes	16 bits	8 e-	<0.1 e-	1 or 2	-45 ⁽⁶⁾
STL-1001E	KAF-1001E (+TC-237)	24.6 x 24.6	24 x 24	1024 x 1024	1 million	200,000 e-	No	16 bits	15 e-	1 e- ⁽¹⁾	2	-45 ⁽⁶⁾
STL-1301E	KAF-1301E (+TC-237)	20.5 x 16.4	16 x 16	1280 x 1024	1.3 million	120,000 e-	Yes / No	16 bits	18 e-	3 e-	2	-45 ⁽⁶⁾
STL-4020M	KAI-4020M (+TC-237)	15.2 x 15.2	7.4 x 7.4	2048 x 2048	4.2 million	40,000 e-	Yes	16 bits	8 e-	<0.1 e-	2	-45 ⁽⁶⁾
STL-4020CM	KAI-4020CM (+TC-237)	15.2 x 15.2	7.4 x 7.4	2048 x 2048	4.2 million	40,000 e-	Yes	16 bits	8 e-	<0.1 e-	2	-45 ⁽⁶⁾
STL-6303E	KAF-6303E (+TC-237)	27.6 x 18.4	9 x 9	3060 x 2040	6.3 million	100,000 e-	Yes / No	16 bits	15 e-	0.3 e-	2	-45 ⁽⁶⁾
STL-11000M	KAI-11000M (+TC-237)	36.1 x 24.7	9 x 9	4008 x 2745	11 million	50,000 e-	Yes	16 bits	13 e-	0.5 e-	2	-45 ⁽⁶⁾
STL-11000CM	KAI-11000CM (+TC-237)	36.1 x 24.7	9 x 9	4008 x 2745	11 million	50,000 e-	Yes	16 bits	13 e-	0.5 e-	2	-45 ⁽⁶⁾
TC-237 Tracking CCD	TC-237	4.9 x 3.7	7.4 x 7.4	657 x 495	325,215	20,000 e-	Yes	16 bits	11 e-	5 e-	1 or 2	-45 ⁽⁶⁾

Notes:
(1) Electrons / pixel / second at 0 degrees C except for STL-1001E at -30 C and Tracking CCD at -5 C.
(2) The ST-4 is primarily an autoguider, although it is capable of taking 8 bit images with the software supplied.
(3) The STV is a video camera and autoguider utilizing the TC-237 CCD.
(4) STV full frame digital images are binned to 320 x 200.
(5) The ST-4 and ST-6 have been retired.
(6) Maximum delta-T with single stage cooling and water assist