

JMI Encoder Setup Specifications

How To Use This Chart

- 1) Find your telescope or mount in the list below.
- 2) Set your MAX computer Mount Type to one of the two values shown (see the *MAX Computer Operator's Guide* for information on Mount Type under SETUP).
- 3) Select the encoder series based on the original purchase date or encoder resolutions (see Encoder Series information below).
- 4) Set your computer's Right Ascension and Declination or Azimuth and Altitude encoder values based on the chart.

Encoder Information Listed in the Chart (by Line Number)

- 1) Directional Sign (+ or -) and Final Output Resolution (in tics-per-revolution of the telescope axis) for MAX computers. The final output resolution is the Effective Resolution obtained by the encoders in combination with gears, pulleys, wheels or direct drive.
- 2) Axis Number (R.A. or Azimuth = 1, Declination or Altitude = 2), Directional Sign (+ or -) and Final Output Ratio for older computers and upgrade chips manufactured before 1994.
- 3) Encoder Size and Resolution (sm = small body, lg = large body, resolution is in tics-per-revolution of the encoder shaft).
- 4) Shaft Speed Ratio. For example, an axis that includes a 116-tooth gear and a 58-tooth gear has a two-to-one (2:1) gear ratio. For every complete 360° turn of the axis shaft (R.A., Dec, Az or Alt), the encoder shaft makes two complete turns. This makes the Output (or Effective) Resolution twice the Encoder Resolution.

Encoder Series (Encoder Resolutions and Sizes with Dates When They Were Sold)

- A Series Encoders, 2048 (small body S1) and 4000 (large body S2) tics-per-revolution, sold as a standard item by JMI until 09/01/1993
- B Series Encoders, 2160 (small body S1) and 4000 (large body S2) tics-per-revolution, sold as a standard item from 09/01/1993 to 11/01/1999
- C Series Encoders, 4096 (small body S1) and 8192 (large body S2) tics-per-revolution, sold as a standard item from 11/01/1999 to 07/01/2005
(available for high-speed BBOX in 10/1998 and high-speed NGC-microMAX and NGC-MAX in 08/1999)
- D Series Encoders, 5000 (small body S1) and 10000 (large body S2) tics-per-revolution, sold as a standard item from 07/01/2005 to present

The following mathematical equations are always true:

- 1) Final Output Resolution (line 1) times Final Output Ratio (line 2) always equals 2048.
- 2) Encoder Resolution (line 3) times the first number of the Shaft Speed Ratio (line 4) equals Final Output Resolution (line 1)

<u>Telescope/Mount Info</u>	<u>Mount</u>	<u>A Series Encoders</u>		<u>B Series Encoders</u>		<u>C Series Encoders</u>		<u>D Series Encoders</u>	
		<u>R. A./Az.</u>	<u>Dec./Alt.</u>	<u>R. A./Az.</u>	<u>Dec./Alt.</u>	<u>R. A./Az.</u>	<u>Dec./Alt.</u>	<u>R. A./Az.</u>	<u>Dec./Alt.</u>
Antares/Synta/Sky-Watcher EQ-6/HEQ5	GQ or GP	+04096	+04096	+04320	+04320	+08192	+08192	+10000	+10000
		1+0.5000	2+0.5000	1+0.4741	2+0.4741	1+0.2500	2+0.2500	1+0.2048	2+0.2048
		sm-2048	sm-2048	sm-2160	sm-2160	sm-4096	sm-4096	sm-5000	sm-5000
		2:1	2:1	2:1	2:1	2:1	2:1	2:1	2:1
APM Giro-2	AV or AZ	n/a	n/a	n/a	n/a	+08192	+08192	+10000	+10000
						1+0.2500	2+0.2500	1+0.2048	2+0.2048
						sm-4096	sm-4096	sm-5000	sm-5000
						2:1	2:1	2:1	2:1
Astron. Technologies Astro-Tech Voyager	AV or AZ	n/a	n/a	n/a	n/a	n/a	n/a	+10000	+10000
								1+0.2048	2+0.2048
								sm-5000	sm-5000
								2:1	2:1

Astrophysics DX	GQ or GP	+04000 1+0.5120 lg-4000 1:1	+04096 2+0.5000 sm-2048 2:1	+04000 1+0.5120 lg-4000 1:1	+04320 2+0.4741 sm-2160 2:1	+08192 1+0.2500 lg-8192 1:1	+08192 2+0.2500 sm-4096 2:1	+10000 1+0.2048 lg-10000 1:1	+10000 2+0.2048 sm-5000 2:1
Bausch & Lomb 4000/8000	EQ or EP	+04096 1+0.5000 sm-2048 2:1	+04000 2+0.5120 lg-4000 1:1	+04320 1+0.4741 sm-2160 2:1	+04000 2+0.5120 lg-4000 1:1	+08192 1+0.2500 sm-4096 2:1	+08192 2+0.2500 lg-8192 1:1	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 lg-10000 1:1
Celestron C5/C8/C11	EQ or EP	+04096 1+0.5000 sm-2048 2:1	+04000 2+0.5120 lg-4000 1:1	+04320 1+0.4741 sm-2160 2:1	+04000 2+0.5120 lg-4000 1:1	+08192 1+0.2500 sm-4096 2:1	+08192 2+0.2500 lg-8192 1:1	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 lg-10000 1:1
Celestron C8 Powerstar PEC	ET or EQ	+08192 1+0.2500 sm-2048 4:1	+04000 2+0.5120 lg-4000 1:1	+08640 1+0.2370 sm-2160 4:1	+04000 2+0.5120 lg-4000 1:1	+08640 1+0.2370 sm-2160 ² 4:1	+08192 2+0.2500 lg-8192 1:1	+08640 1+0.2370 sm-2160 ⁴ 4:1	+10000 2+0.2048 lg-10000 1:1
Celestron C14	EQ or EP	+05658 1+0.3620 sm-2048 2.7627:1	+04000 2+0.5120 lg-4000 1:1	+05967 1+0.3432 sm-2160 2.7627:1	+04000 2+0.5120 lg-4000 1:1	+11316 1+0.1810 sm-4096 2.7627:1	+08192 2+0.2500 lg-8192 1:1	+13813 1+0.1483 sm-5000 2.7627:1	+10000 2+0.2048 lg-10000 1:1
Celestron CG-4	GQ or GP	n/a	n/a	+04096 1+0.5000 sm-4096 ¹ 1:1	+04830 2+0.4240 sm-4096 ¹ 1.1792:1	+08192 1+0.2500 lg-8192 1:1	+04830 2+0.4240 sm-4096 ³ 1.1792:1	+10000 1+0.2048 lg-10000 1:1	+05896 2+0.2048 sm-5000 ³ 1.1792:1
Celestron CG-5	GQ or GP	n/a	n/a	+04320 1+0.4741 sm-2160 2:1	+04320 2+0.4741 sm-2160 2:1	+08192 1+0.2500 sm-4096 2:1	+08192 2+0.2500 sm-4096 2:1	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 sm-5000 2:1
Celestron CI-700	GQ or GP	+04096 1+0.5000 sm-2048 2:1	+04096 2+0.5000 sm-2048 2:1	+04320 1+0.4741 sm-2160 2:1	+04320 2+0.4741 sm-2160 2:1	+08192 1+0.2500 sm-4096 2:1	+08192 2+0.2500 sm-4096 2:1	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 sm-5000 2:1
Celestron Polaris	GQ or GP	+04096 1+0.5000 sm-2048 2:1	+02415 2+0.8480 sm-2048 1.1792:1	+04320 1+0.4741 sm-2160 2:1	+04830 2+0.4240 sm-4096 ¹ 1.1792:1	+08192 1+0.2500 sm-4096 2:1	+04830 2+0.4240 sm-4096 ³ 1.1792:1	+10000 1+0.2048 sm-5000 2:1	+05896 2+0.3474 sm-5000 ³ 1.1792:1
Celestron Starhopper	AV or AZ	+04096 1+0.5000 sm-2048 2:1	+04000 2+0.5120 lg-4000 1:1	+04320 1+0.4741 sm-2160 2:1	+04000 2+0.5120 lg-4000 1:1	+08192 1+0.2500 sm-4096 2:1	+08192 2+0.2500 lg-8192 1:1	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 lg-10000 1:1
Celestron Super Polaris/Great Polaris	GQ or GP	+04000 1+0.5120 lg-4000 1:1	+04096 2+0.5000 sm-2048 2:1	+04000 1+0.5120 lg-4000 1:1	+04320 2+0.4741 sm-2160 2:1	+08192 1+0.2500 lg-8192 1:1	+08192 2+0.2500 sm-4096 2:1	+10000 1+0.2048 lg-10000 1:1	+10000 2+0.2048 sm-5000 2:1

Celestron Ultima 8/9¼/11	EQ or EP	+04096 1+0.5000 sm-2048 2:1	+04000 2+0.5120 lg-4000 1:1	+04320 1+0.4741 sm-2160 2:1	+04000 2+0.5120 lg-4000 1:1	+08192 1+0.2500 sm-4096 2:1	+08192 2+0.2500 lg-8192 1:1	+10000 1+0.2048 sm-5000 2:1	+10000 1+0.2048 lg-10000 1:1
Coulter Odyssey	AV or AZ	+04000 1+0.5120 lg-4000 1:1	+04000 2+0.5120 lg-4000 1:1	+04000 1+0.5120 lg-4000 1:1	+04000 2+0.5120 lg-4000 1:1	+08192 1+0.2500 lg-8192 1:1	+08192 2+0.2500 lg-8192 1:1	+10000 1+0.2048 lg-10000 1:1	+10000 2+0.2048 lg-10000 1:1
Discovery EQ	GQ or GP	n/a	n/a	+04320 1+0.4741 sm-2160 2:1	+04096 2+0.5000 sm-4096 ¹ 1:1	+08192 1+0.2500 sm-4096 2:1	+04096 2+0.5000 sm-4096 ³ 1:1	+10000 1+0.2048 sm-5000 2:1	+05000 2+0.4096 sm-5000 ³ 1:1
Dynamax 8	EQ or EP	+04096 1+0.5000 sm-2048 2:1	+04000 2+0.5120 lg-4000 1:1	+04320 1+0.4741 sm-2160 2:1	+04000 2+0.5120 lg-4000 1:1	+08192 1+0.2500 sm-4096 2:1	+08192 2+0.2500 lg-8192 1:1	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 lg-10000 1:1
Intes MK-63	EQ or EP	+06780 1+0.3021 sm-2048 3.3105:1	+04000 2+0.5120 lg-4000 1:1	+07151 1+0.2864 sm-2160 3.3105:1	+04000 2+0.5120 lg-4000 1:1	+07151 1+0.2864 sm-2160 ² 3.3105:1	+08192 2+0.2500 lg-8192 1:1	+07151 1+0.2864 sm-2160 ⁴ 3.3105:1	+10000 2+0.2048 lg-10000 1:1
JMI NGT-6	GQ or GP	n/a	n/a	n/a	n/a	+04096 1+0.5000 sm-4096 ³ 1:1	+04096 2+0.5000 sm-4096 ³ 1:1	n/a	n/a
JMI NGT-18/NGT-12.5	GQ or GP	+04000 1+0.5120 lg-4000 1:1	+04000 2+0.5120 lg-4000 1:1	+04000 1+0.5120 lg-4000 1:1	+04000 2+0.5120 lg-4000 1:1	+08192 1+0.2500 lg-8192 1:1	+08192 2+0.2500 lg-8192 1:1	+10000 1+0.2048 lg-10000 1:1	+10000 2+0.2048 lg-10000 1:1
JMI RB-66	AV or AZ	n/a	n/a	n/a	n/a	+04096 1+0.5000 sm-4096 ³ 1:1	+04096 2+0.5000 sm-4096 ³ 1:1	+05000 1+0.4096 sm-5000 ³ 1:1	+05000 2+0.4096 sm-5000 ³ 1:1
JMI RB-10/RB-16	AV or AZ	n/a	n/a	n/a	n/a	n/a	n/a	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 lg-10000 1:1
Losmandy GM-8/G-11	GQ or GP	+04096 1+0.5000 sm-2048 2:1	+04096 2+0.5000 sm-2048 2:1	+04320 1+0.4741 sm-2160 2:1	+04320 2+0.4741 sm-2160 2:1	+08192 1+0.2500 sm-4096 2:1	+08192 2+0.2500 sm-4096 2:1	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 sm-5000 2:1
Meade 440/2080/2120 GEM	GQ or GP	+04096 1+0.5000 sm-2048 2:1	+04096 2+0.5000 sm-2048 2:1	+04320 1+0.4741 sm-2160 2:1	+04320 2+0.4741 sm-2160 2:1	+08192 1+0.2500 sm-4096 2:1	+08192 2+0.2500 sm-4096 2:1	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 sm-5000 2:1

Meade 2040/2045/2080/2120 fork mount	EQ or EP	+04096 1+0.5000 sm-2048 2:1	+04000 2+0.5120 lg-4000 1:1	+04320 1+0.4741 sm-2160 2:1	+04000 2+0.5120 lg-4000 1:1	+08192 1+0.2500 sm-4096 2:1	+08192 2+0.2500 lg-8192 1:1	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 lg-10000 1:1
Meade DS-10/628/645/826/856	GQ or GP	+04000 1+0.5120 lg-4000 1:1	+04096 2+0.5000 sm-2048 2:1	+04000 1+0.5120 lg-4000 1:1	+04320 2+0.4741 sm-2160 2:1	+08192 1+0.2500 lg-8192 1:1	+08192 2+0.2500 sm-4096 2:1	+10000 1+0.2048 lg-10000 1:1	+10000 2+0.2048 sm-5000 2:1
Meade DS-16/880/1060/1266	GQ or GP	+04096 1+0.5000 sm-2048 2:1	+04096 2+0.5000 sm-2048 2:1	+04320 1+0.4741 sm-2160 2:1	+04320 2+0.4741 sm-2160 2:1	+08192 1+0.2500 sm-4096 2:1	+08192 2+0.2500 sm-4096 2:1	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 sm-5000 2:1
Meade ETX	EQ or EP	n/a	n/a	+02160 1+0.9481 sm-2160 1:1	+02160 2+0.9481 sm-2160 1:1	n/a	n/a	n/a	n/a
Meade Lightbridge	AV or AZ	n/a	n/a	n/a	n/a	n/a	n/a	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 lg-10000 1:1
Meade LX50/LX100	EQ or EP	+04096 1+0.5000 sm-2048 2:1	+04096 2+0.5000 sm-2048 2:1	+04320 1+0.4741 sm-2160 2:1	+04320 2+0.4741 sm-2160 2:1	+08192 1+0.2500 sm-4096 2:1	+08192 2+0.2500 sm-4096 2:1	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 sm-5000 2:1
Meade LX D500	GQ or GP	n/a	n/a	+06690 1+0.3061 sm-4096 ¹ 1.6333:1	+04096 2+0.5000 sm-4096 ¹ 1:1	+06690 1+0.3061 sm-4096 ³ 1.6333:1	+04096 2+0.5000 sm-4096 ³ 1:1	n/a	n/a
Meade MTS Series	EQ or EP	+03953 1+0.5181 sm-2048 1.9302:1	+04000 2+0.5120 lg-4000 1:1	+04169 1+0.4912 sm-2160 1.9302:1	+04000 2+0.5120 lg-4000 1:1	+07906 1+0.2590 sm-4096 1.9302:1	+08192 2+0.2500 lg-8192 1:1	+09651 1+0.2122 sm-5000 1.9302:1	+10000 2+0.2048 lg-10000 1:1
Meade Starfinder 6/8/10 (AC & DC)	GQ or GP	+04000 1+0.5120 lg-4000 1:1	+04096 2+0.5000 sm-2048 2:1	+04000 1+0.5120 lg-4000 1:1	+04320 2+0.4741 sm-2160 2:1	+08192 1+0.2500 lg-8192 1:1	+08192 2+0.2500 sm-4096 2:1	+10000 1+0.2048 lg-10000 1:1	+10000 2+0.2048 sm-5000 2:1
Obsession	AV or AZ	+04000 1+0.5120 lg-4000 1:1	+04000 2+0.5120 lg-4000 1:1	+04000 1+0.5120 lg-4000 1:1	+04000 2+0.5120 lg-4000 1:1	+08192 1+0.2500 lg-8192 1:1	+08192 2+0.2500 lg-8192 1:1	+10000 1+0.2048 lg-10000 1:1	+10000 2+0.2048 lg-10000 1:1
Orion SkyQuest XT 8/10	AV or AZ	+04000 1+0.5120 lg-4000 1:1	+04000 2+0.5120 lg-4000 1:1	+04000 1+0.5120 lg-4000 1:1	+04000 2+0.5120 lg-4000 1:1	+08192 1+0.2500 lg-8192 1:1	+08192 2+0.2500 lg-8192 1:1	+10000 1+0.2048 lg-10000 1:1	+10000 2+0.2048 lg-10000 1:1

Orion SkyView Deluxe	GQ or GP	n/a	n/a	+04320 1+0.4741 sm-2160 2:1	+04096 2+0.5000 sm-4096 ¹ 1:1	+08192 1+0.2500 sm-4096 2:1	+04096 2+0.5000 sm-4096 ³ 1:1	+10000 1+0.2048 sm-5000 2:1	+05000 2+0.4096 sm-5000 ³ 1:1
Orion SkyView Pro	GQ or GP	+04096 1+0.5000 sm-2048 2:1	+04096 2+0.5000 sm-2048 2:1	+04320 1+0.4741 sm-2160 2:1	+04320 2+0.4741 sm-2160 2:1	+08192 1+0.2500 sm-4096 2:1	+08192 2+0.2500 sm-4096 2:1	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 sm-5000 2:1
Questar 3.5"	EQ or EP	+05981 1+0.3424 sm-2048 2.9204:1	+03292 2+0.6221 sm-2048 1.6074:1	+06308 1+0.3247 sm-2160 2.9204:1	+03472 2+0.5899 sm-2160 1.6074:1	+06308 1+0.3247 sm-2160 ² 2.9204:1	+06584 2+0.3111 sm-4096 1.6074:1	+11962 1+0.1712 sm-4096 ⁵ 2.9204:1	+08037 2+0.2548 sm-5000 1.6074:1
Starsplitter	AV or AZ	+04000 1+0.5120 lg-4000 1:1	+04000 2+0.5120 lg-4000 1:1	+04000 1+0.5120 lg-4000 1:1	+04000 2+0.5120 lg-4000 1:1	+08192 1+0.2500 lg-8192 1:1	+08192 2+0.2500 lg-8192 1:1	+10000 1+0.2048 lg-10000 1:1	+10000 2+0.2048 lg-10000 1:1
Stellarvue M1	AV or AZ	n/a	n/a	n/a	n/a	n/a	n/a	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 sm-5000 2:1
Stellarvue M4	GQ or GP	n/a	n/a	+04320 1+0.4741 sm-2160 2:1	+04096 2+0.5000 sm-4096 ¹ 1:1	+08192 1+0.2500 sm-4096 2:1	+04096 2+0.5000 sm-4096 ³ 1:1	+10000 1+0.2048 sm-5000 2:1	+05000 2+0.4096 sm-5000 ³ 1:1
Stellarvue M6 Stableglide	AV or AZ	n/a	n/a	n/a	n/a	+12635 1+0.1621 sm-2160 ² 5.8495:1	+08192 2+0.2500 sm-4096 2:1	+12635 1+0.1621 sm-2160 ⁴ 5.8495:1	+10000 2+0.2048 sm-5000 2:1
Takahashi EM-1	GQ or GP	+04096 1+0.5000 sm-2048 2:1	+04096 2+0.5000 sm-2048 2:1	+04320 1+0.4741 sm-2160 2:1	+04320 2+0.4741 sm-2160 2:1	+08192 1+0.2500 sm-4096 2:1	+08192 2+0.2500 sm-4096 2:1	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 sm-5000 2:1
Takahashi EM-10 (non-USD)	GQ or GP	+03322 1+0.6165 sm-2048 1.6221:1	+03322 2+0.6165 sm-2048 1.6221:1	+03504 1+0.5845 sm-2160 1.6221:1	+03504 2+0.5845 sm-2160 1.6221:1	+06644 1+0.3082 sm-4096 1.6221:1	+06644 2+0.3082 sm-4096 1.6221:1	+08111 1+0.2525 sm-5000 1.6221:1	+08111 2+0.2525 sm-5000 1.6221:1
Takahashi EM-10 USD	GQ or GP	n/a	n/a	+03970 1+0.5159 sm-2160 1.8379:1	+04280 2+0.4785 sm-2160 1.9814:1	+07528 1+0.2721 sm-4096 1.8379:1	+08116 2+0.2523 sm-4096 1.9814:1	+09190 1+0.2229 sm-5000 1.8379:1	+09907 2+0.2067 sm-5000 1.9814:1
Takahashi EM-200, NJP (1997 and earlier)	GQ or GP	+04096 1+0.5000 sm-2048 2:1	+05656 2+0.3621 sm-2048 2.7617:1	+04320 1+0.4741 sm-2160 2:1	+05965 2+0.3433 sm-2160 2.7617:1	+08192 1+0.2500 sm-4096 2:1	+11312 2+0.1810 sm-4096 2.7617:1	+10000 1+0.2048 sm-5000 2:1	+13809 2+0.1483 sm-5000 2.7617:1

Takahashi NJP (1997 and later)	GQ or GP	n/a	n/a	n/a	n/a	+06599 1+0.3103 sm-4096 1.6111:1	+11312 2+0.1810 sm-4096 2.7617:1	+08056 1+0.2542 sm-5000 1.6111:1	+13809 2+0.1483 sm-5000 2.7617:1
Takahashi Teegull TG-LML	AV or AZ	n/a	n/a	n/a	n/a	+08192 1+0.2500 sm-4096 2:1	+08192 2+0.2500 sm-4096 2:1	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 sm-5000 2:1
Tele Vue Gibraltar/Panoramic/Tele-Pod	AV or AZ	+02048 1+1.0000 sm-2048 ³ 1:1	+02048 2+1.0000 sm-2048 ³ 1:1	+02160 1+0.9481 sm-2160 ³ 1:1	+02160 2+0.9481 sm-2160 ³ 1:1	+04096 1+0.5000 sm-4096 ³ 1:1	+04096 2+0.5000 sm-4096 ³ 1:1	+05000 1+0.4096 sm-5000 ³ 1:1	+05000 2+0.4096 sm-5000 ³ 1:1
Tele Vue Systems	GQ or GP	+04096 1+0.5000 sm-2048 2:1	+04096 2+0.5000 sm-2048 2:1	+04320 1+0.4741 sm-2160 2:1	+04320 2+0.4741 sm-2160 2:1	+08192 1+0.2500 sm-4096 2:1	+08192 2+0.2500 sm-4096 2:1	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 sm-5000 2:1
Vixen (Binocular) Fork Mount	AV or AZ	n/a	n/a	n/a	n/a	n/a	n/a	+04320 1+0.4741 sm-2160 ⁴ 2:1	+05000 2+0.4096 sm-5000 ⁶ 1:1
Vixen Porta Mount	AV or AZ	n/a	n/a	n/a	n/a	n/a	n/a	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 sm-5000 2:1
William Optics EZTouch	AV or AZ	n/a	n/a	n/a	n/a	n/a	n/a	+10000 1+0.2048 sm-5000 2:1	+10000 2+0.2048 sm-5000 2:1

Notes

- ¹ Using a C series encoder for a B series installation to increase total resolution to normal standards
- ² Using a B series encoder for a C series installation to decrease total resolution to normal standards or to match the resolution of the other axis
- ³ Size restrictions on the encoder package limit final output to lower than our standard resolution
- ⁴ Using a B series encoder for a D series installation to decrease total resolution to normal standards or to match the resolution of the other axis
- ⁵ Using a C series encoder for a D series installation to decrease total resolution to normal standards or to match the resolution of the other axis
- ⁶ Using a lower resolution due to the application (e.g. large field of view)

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JMI Telescopes

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