

Items for Sale by Richard Harshaw


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1) Manual Digital Focus Counter for C-11

Digital Focus Counter Products

**Celestron
SCTs**

See Complete List of
Equipment at Right



DFCC
\$119
[Purchase from Farpoint](#)

DFC for Celestron SCTs

Celestron early C5 (dual fork arm), C5 / C5+ (single fork arm), C5-S, C5-SGT, C8, C8+, C8-S, C8-SGT, C11, C11-SGT, C14, Celestar 8, Celestar 8 Deluxe, CG-11, CG-14, CGE 1100, CGE 1400, Classic 8, CM-1100, CM-1400, CPC 800 / 925 / 1100, Fastar 8, G-5, G-8, Great Polaris C8, NexStar 8 GPS, NexStar 11 GPS, Polaris C8, Powerstar 8, Super C8, Super C8+, Super Polaris C8, Ultima 8 / 11

A manual version of Digital Readout, which replaces the focus knob of most Celestron SCTs. (*Specify telescope make, model and year.*)

NOTE The top two pictures show the front and back of the manual DFC designed for the Meade SCT. Inside the back end, you can see the coupler that attaches to the mounting collar (not shown). The bottom images show parts included with the DFC for the Celestron C8. They are (from left to right) the mounting collar, replacement knob, coupler and DFC body including sleeve, counter and knob.

Excellent condition. Asking price: \$60.00

2) Motorized Digital Focus Counter for C-11

**JMI
MOTOFOCUS**

See Exceptions at Right*



DFCMF
\$99
[Purchase from Farpoint](#)

DFC for JMI MOTOFOCUS

Upgrades a **MOTOFOCUS** unit with a piggy-back DFC at the time of purchase (see exceptions below).

NOTE * The piggy-backed DFC is not available for the **Meade ETX Series**, **Celestron non-GPS NexStar 5/8 Series** and **Celestron SP6** telescopes because of the very small size or difference in style of the MOTOFOCUS motor.

After-purchase upgrades are available for rack-and-pinion MOTOFOCUS units (except those listed above), at an additional cost for labor. Call for details.




DFC can be piggy-backed on our regular **MOTOFOCUS** units (not upgradable after purchase). (Shown with old-style hand unit)



The DFC display is a three-digit mechanical counter. Most MOTOFOCUS units can also be equipped with our [Digital Read Out \(DRO\)](#) system.

**Celestron
C11 / C14**

See Complete List of
Equipment at Right



MFC11
\$199

Purchase from Farpoint

MOTOFOCUS for Celestron C11 / C14

Celestron C11, CG-11, CM-1100, Ultima 11, C14, CG-14, CM-1400, CM-1400GT

NOTE The **Celestron NexStar 11** and **CGE 1100** do **NOT** use **Classic C11** style optical tubes. For MOTOFOCUS for the **NexStar 11** and **CGE 1100** see [MOTOFOCUS for Celestron NexStar 11 GPS](#) below. To verify which MOTOFOCUS version you need, check the knob ID against the following chart:

Identifying the Correct MOTOFOCUS for a Celestron 11" SCT (Chart 2)			
Part No.	Style	Identifying Characteristics	Knob ID
MFC11	Classic	Classic Orange or Black OTA	19mm (0.748")
MFCPC11	CPC/HD	Orange Ring at base of focuser knob	21.8mm (0.858")
MFNEX11	NexStar	Gray Carbon Fiber OTA	22.8mm (0.898")

Note: Both units have to be taken together. Total price new is \$298.00

Unit in excellent condition; batteries included.

Asking Price: \$180.00.

3) Televue 32mm Plössl eyepiece

Plössls
50° Apparent Field Eyepieces

32-mm

Model #	EPL-32.0
Focal Length (mm)	32
Barrel Size (in.)	1¼"
Apparent Field of View (deg.)	50
Eye Relief (mm)	22
Weight (lb / oz)	0.39 / 6.2
Field Stop (mm)	27

[Compare to similar focal lengths](#)




Related Links
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The 32mm Plössls, with its larger 50° apparent field, will deliver the same true field as the 40mm but with higher magnification. The 32mm is parfocal with the shorter focal length Plössls.

TeleVue.com: Eyepieces > Plössls > 32mm



Excellent condition. Price for a new 32mm is typically \$144.00.

Asking price: \$75.00.

4) Meade 2X telenegative (“Barlow”), short barrel.



Price new: \$31.00.

Good condition. Asking price: \$15.00.

5) Celestron 25mm Ortho eyepiece converted to occulting bar ocular.



Brass strip epoxied to field stop, painted flat black. I have used this eyepiece to pick up high contrast objects, like NGC 404 right next to Beta Andromedae.

The eyepiece itself usually retails for about \$49.00 new.

Asking price: \$25.00.

6) Thousand Oaks Narrow Band filter

Excellent to pick up low contrast nebulae, etc. Threaded for 1.25" eyepieces.

Excellent condition, with storage case. Price new is \$89.00 Asking price: \$45.00.





7) Nagler 35mm Panoptic eyepiece, 2-inch

Panoptic
68° Apparent Field Eyepieces

35-mm

Model #	EPO-35.0
Focal Length (mm)	35
Barrel Size (in.)	2"
Apparent Field of View (deg.)	68
Eye Relief (mm)	24
Weight (lb / oz)	1.60 / 25.6
Field Stop (mm)	38.7

[Compare to similar focal lengths](#)


The 35mm has a large true field with plenty of eye relief for eyeglass wearers. When combined with a Paracorr to correct the coma of an f/4.5 Newtonian, performance is spectacular across the 68 degree field. Imagine, sharp star clusters at the extreme edge of the field along with a 6.8mm exit pupil!

Related Links
[Cleaning](#)

Standard on all Panoptics

- multi-coatings
- blackened lens edges
- filter threads
- rubber grip rings
- cover for the eyeguard
- an undercut in the barrel for extra locking security

TeleVue.com: Eyepieces > Panoptic > 35mm



Workhorse eyepiece! Excellent condition.

Price new: \$379.00

Asking price: \$250.00.

8) Orion 50mm Optiluxe 2-inch eyepiece. Good wide-field EP for SCTs.

Orion Optiluxe 50mm

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image

Brand and Model:	Orion Optiluxe 50mm
Price (\$USD):	\$129.00
Type:	Plossl
Focal Length:	50 mm mm
Barrel Size:	2 in.
Apparent FOV:	45.0 degrees
Field Stop Dia.:	0.0 mm
Eye Relief:	37 mm
Elements:	5
Weight (lbs):	

Description:

These affordable, fully multi-coated 2" eyepieces put the night sky in stunning perspective. Their long focal lengths render picturesque scenes of extended deep-space objects framed in a generously wide panorama of stars.

Optiluxe 2" eyepieces are fully multi-coated to ensure maximum light transmission. The 50mm is a modified Plössl design of five glass lens elements with a 45° apparent field, while the 32mm and 40mm are four-element wide field designs with apparent fields of 58° and 62°, respectively. Manufactured in Japan, all feature precision-machined and anodized aluminum housings with chrome-plated, internally blackened 2" barrels. The barrels now have a captive setscrew recess and are threaded for filters. Each sports a rubber traction ring for good grip. For use in 2" focusers or diagonals. The deep sky has never looked better!

Good condition.

Asking price: \$65.00.

9) Celestron 2-inch O-III filter (for planetary nebulae, etc.). Mounted.



Very good condition. Price new is \$89.95.

Asking price: \$45.00.

10) 67mm Mounting Rings for Finder Scope



67mm ID mounting rings for finder scope; includes mounting screws.

Asking price: \$10.00.


11) Televue 5x Powermate

Powermates 

TeleVue.com: Eyepiece Accessories > Powermates > Specifications

Specifications

Powermate (size/weight-lbs)	
2x Powermates™	2" w/1¼" adapter / 1.20
2.5x Powermates™	1½" / 0.45
4x Powermates™	2" w/1¼" adapter / 1.20
5x Powermates™	1½" / 0.40



Product List

Powermates & Barlows	
PMT-2200	2.0x 2" Powermate 
PMT-2513	2.5x 1½" Powermate 
PMT-4201	4.0x 2" Powermate 
PMT-5126	5.0x 1½" Powermate 



Excellent condition. Price new: \$204.00.

Asking price: 110.00.

12) Orion SteadyPix SLR Camera Mount



Camera not included.

Asking price: \$10.00.

- 13) 1.25" screw-in planetary filter set. Six filters (glass)— gray (lunar), yellow, orange, green, blue and violet.



Good condition. With plastic storage cases.

Asking price: \$30.00.