FINGER LAKES INSTRUMENTATION

CENTERLINE FILTER WHEEL

CL-1-14.

DATASHEET flicamera.com/accessories-items/cl-1-14

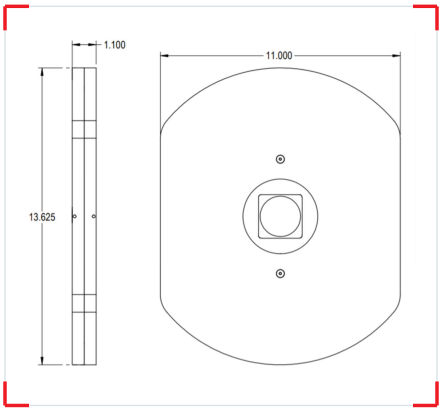
PRODUCT PAGE

MADE IN USA

Rugged Design Unmatched Precision Flexible Performance

The CenterLine's unique dual carousel design with central aperture has long been the filter wheel of choice to avoid telescope balance issues. Typically one position in each carousel is empty, providing 12 usable positions. Some users place two optical elements in the path, for example, a filter and a polarizer. CenterLine filter wheels use the proprietary CenterLine Zero Tilt AdapterTM

(ZTA) for complete elimination of problems associated with loose connections.



Complete mechanical outline

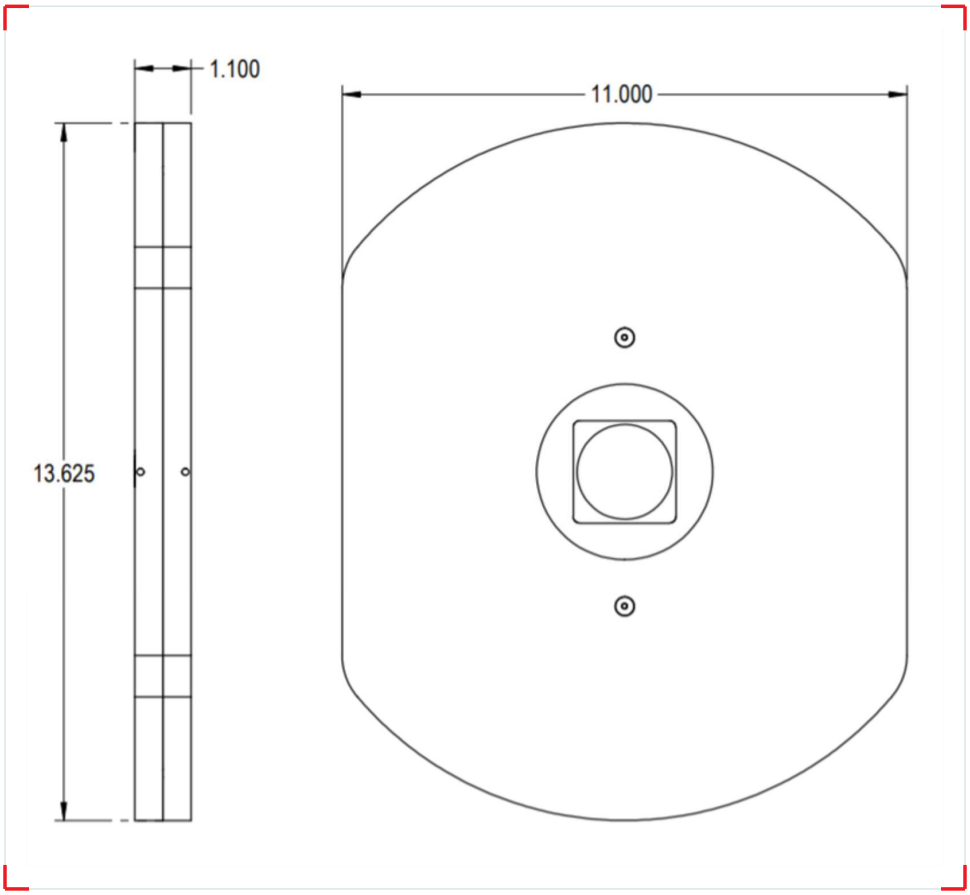
KEY SPECIFICATIONS

POSITIONS	SIZE	INTERNAL WHEELS	THICKNESS	WEIGHT	INTERFACE
2 Overlapping Carousels, 7 positions each	48.875mm to 2.005" diameter	2	1.1" (27.94 mm)	4.3 lbs. (1.95 kg)	USB

TECHNICAL DATA

Filter Positions	2 Overlapping Carousels, 7 positions each
Filter Thickness Range	1 to 5 mm
Overall Thickness (less motor)	1.1" (27.94 mm)
Interface	USB
Optical Side Connection	CenterLine ZTATM flange
Power	12V
Recommended filter size (±0.125 mm)	48.875mm to 2.005" diameter
Wheels	2
Weight	4.3 lbs. (1.95 kg)
Camera Side Connection	CenterLine ZTATM flange
Wheel Material	Aluminum

MECHANICAL OUTLINE



NOTES AND OPERATING CONDITIONS

Package contents: power supply and USB cable included. All FLI filter wheels use unmounted filters only.

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