

Color Filter Wheel

CFW8-8SQ

Precision Machined Reliable Performance

FLI color filter wheels are engineered for reliable performance, ideal for harsh or remote environments. Each wheel features a proprietary no-slip drive chain, a precision stepper motor, and a large-diameter pivot pin paired with precision-ground bushings—delivering smooth, quiet, and dependable operation. And because FLI filter wheels do not use internal lights for homing, your images remain fully protected from stray light interference.

Our filter wheels are designed for unmounted filters, 3mm to 5mm thick. For CFW8s, one position on the internal wheel is unmachined, creating an obstructed path for acquisition of calibration images.



Technical Data

Filter Positions	7 plus one blocked position
Recommended Filter Size (+/- 0.125 mm)	50 mm square
Filter Thickness Range	3.0 - 5.0 mm
Wheels	1
Overall Thickness (less motor)	18.6 mm
Weight	4.01 lbs. (1.8 kg)
Interface	USB
Camera Side Connection	M4 bolt pattern
Optical Side Connection	M4 bolt pattern
Wheel Material	Aluminum
Power	12V
Drawing	See Accessories page of FLI website



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