

YC-172NX+ Fixed Focal Lens

RAYSOptics (YOUNG Optics Group)—is a professional designer and manufacturer of various lenses for different applications. We provide the best industrial grade Lens, either for consumer or professional surveillance solution market, such as IP Camera and CCTV Camera.



Product Specification

General Specification	
Image Circle (Max.)	Ø 9.2 mm
Imager Size	1/2"
Mount Type	M12
Optical Specification	
Focal Length	4.05mm
Max Aperture(F/#)	2.2
Resolution	Center MTF > 70% @63lp/mm Ø6 MTF > 45% @63lp/mm
Field Of View	1/2" (OS08A10 sensor) Diagonal 162.5° Horizontal 119.4° Vertical 73.7°
Maximum Chief Ray Angle	<10.6° All Field
Total Length(TTL)	26 mm (with CMOS 0.5mm CG+0.3mm IR CUT in air)
TV Distortion	-24.08%
Back Focal Length (in air)	5.01mm (With CG 0.5mm+ IR CUT 0.3mm)
IR Corrective (Day & Night)	Yes
Focus Range	0.3m~∞
Wavelength Range	Visible light-NIR(850)
ROHS (Green Product)	Comply

With IR CUT

