

PRELIMINARY

IR ALIGNER C8960 SERIES

For DWDM (Dense Wavelength Division Multiplexing)



Lens is option (sold separately)

OVER VIEW

The IR ALIGNER was developed for axis alignment of optical fibers used in optical communications. The IR ALIGNER is compact, lightweight and easy to use. Its spectral response ranges from 800 nm to 1700 nm, covering all major wavelengths used in optical communications.

FEATURES

- High sensitivity
- High signal to noise ratio
- Wide spectral response (800 nm to 1700 nm)
- Compact, lightweight
- Low power consumption

APPLICATIONS

- Alignment/Evaluation of semiconductor lasers
- Light axis adjustment for lens coupling

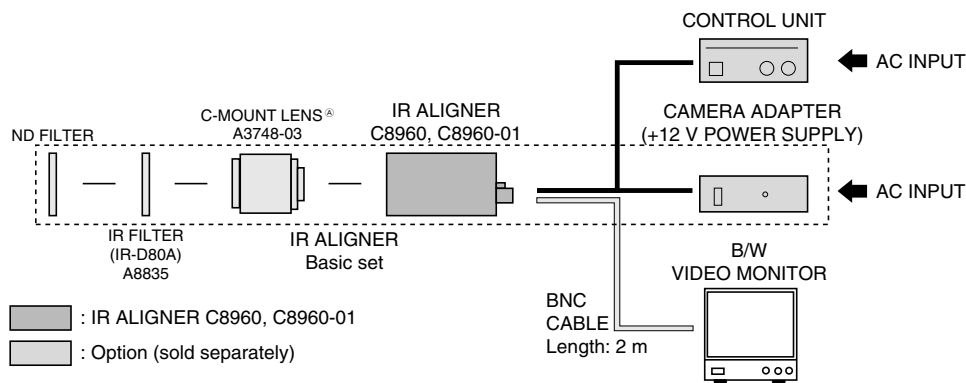
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SPECIFICATIONS

Parameter	C8960	C8960-01	Unit
Lens Mount	C-mount		—
Video System	EIA	CCIR	—
Useful Area	$\phi 6$		mm
Spectral Response	800 to 1700		nm
Resolution	Horizontal	450	TV lines
Signal to Noise Ratio (Min.)	40		dB
Output Signal	Composite Video Signal, 1.0 V p-p Max., 75 Ω		—
Input Voltage (DC)	+ 12		V
Power Consumption	8		W
Operating Ambient Temperature	0 to +40		$^{\circ}$ C
Storage Temperature	-10 to +50		$^{\circ}$ C
Operating Ambient / Storage Humidity ^(A)	85 or below		% RH
Weight	500		g

^(A) Without moisture condensation

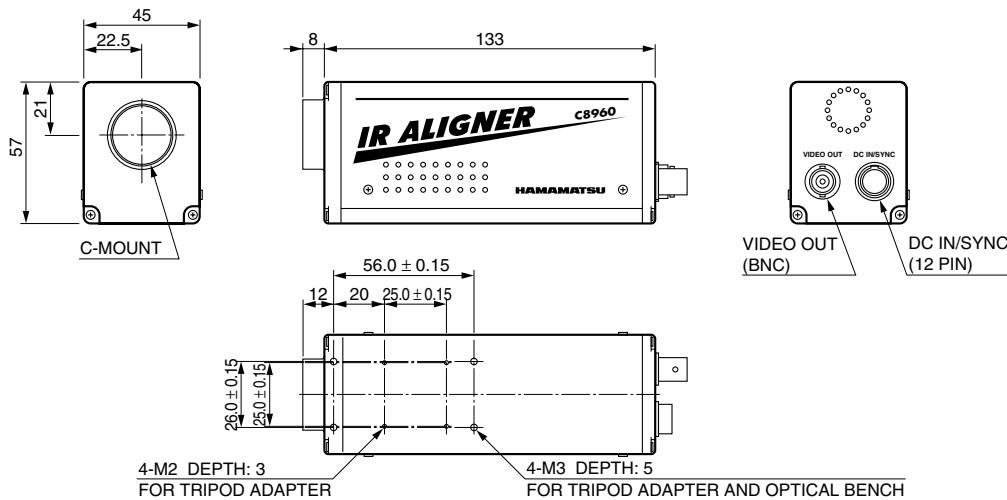
SYSTEM CONFIGURATION



^(A) With our recommended lens the adjustment of the flange back focus is done. When can not obtain good focus with your using lens, we would like to ask customers to prepare a spacer ring for the adjustment.

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DIMENSIONAL OUTLINES (Unit: mm)



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