

# Near Infrared CCD Camera C3077-79

Near Infrared 2/3 inch CCD Video Camera



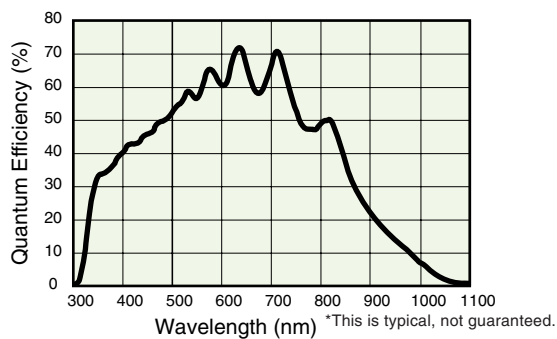
▲ Shown with optional lens.

The C3077-79 is employing a 2/3 inch CCD, featuring high sensitivity in the near infrared region, especially in the wavelength from 800 nm to 1100 nm. The C3077-79 also utilizes a frame transfer type CCD device.

## FEATURES

- 2/3 inch frame transfer CCD
- High sensitivity in the NIR region
- Broad spectral response characteristics

## SPECTRAL RESPONSE



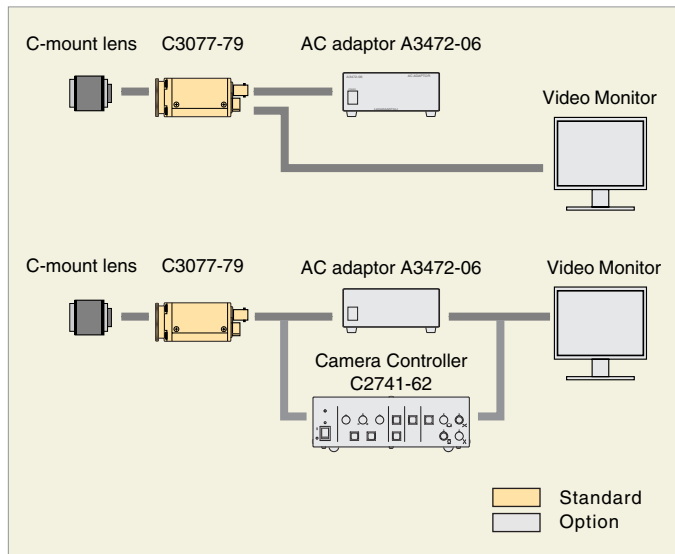
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## SYSTEM SPECIFICATIONS

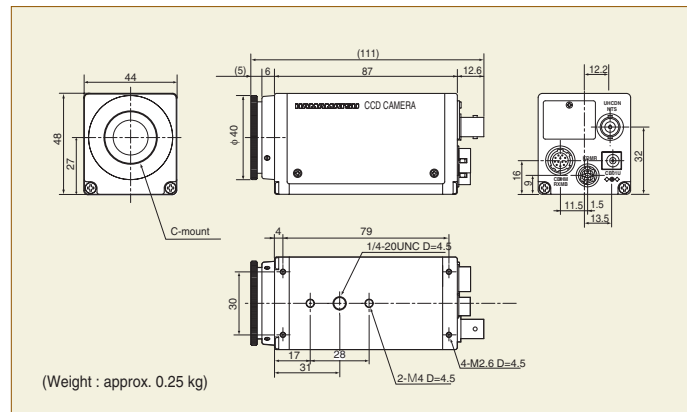
Type no.	C3077-79
Pickup device	2/3 inch frame transfer
Number of pixels	780(H) × 488(V)
Effective number of pixels	754(H) × 484(V)
Pixel size	11.5 μm(H) × 13.5 μm(V)
Effective area	8.8 mm(H) × 6.6 mm(V)
Lens mount	C-mount (17.526 mm)
Sync system	EIA
Trigger mode	Internal / External
Camera output	Video (HD / VD)
Gamma control	1
Power requirements	DC +12 V (+10.5 V to +15 V)
Power consumption	Approx 3.0 V·A (max)

## SYSTEM CONFIGURATION

- The system can be configured to accommodate various applications, including image acquisition, image enhancement, and image improvement.



## DIMENSIONAL OUTLINES (Unit : mm)



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• Subject to local technical requirements and regulations, availability of products included in this promotional material may vary. Please consult with our sales office.

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