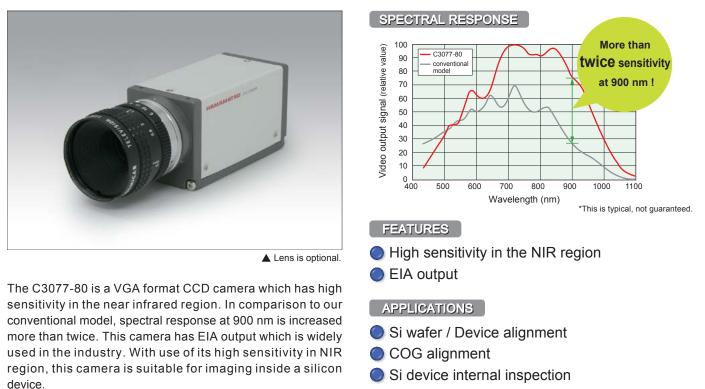
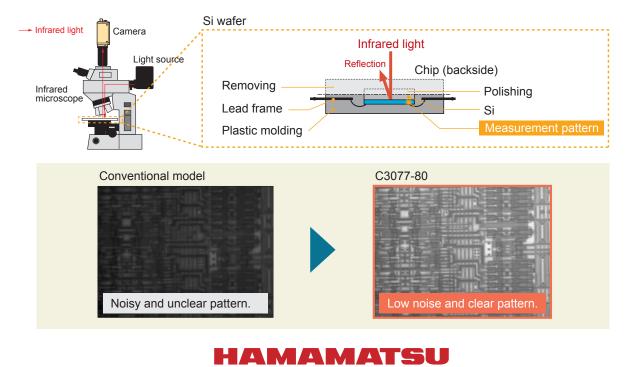
Near infrared CCD camera C3077-80



Ceramic substrate inspection

SAMPLE IMAGE

Pattern image inside a silicon device by NIR illumination (Objective lens: 50 × /1100 nm bandpass filter)

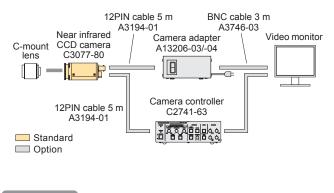


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SPECIFICATIONS

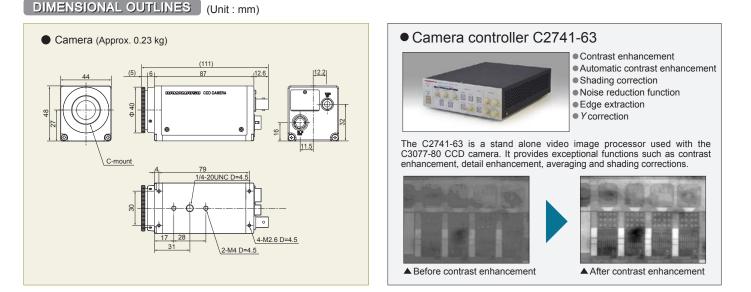
Type number C3077-80 2/3 inch frame transfer CCD Imaging device Effective number of pixels 648 (H) × 484 (V) 14 µm (H) × 14 µm (V) Cell size 9.0 mm (H) × 6.8 mm (V) Effective area Output signal (Analog) 1.0 V p-p sync negative 75 Ω unbalanced Frequency of horizontal/vertical 15.734 Hz / 59.94 Hz Scan type 2:1 Interlace scan Lens mount C-mount Internal / External Sync type HD / VD (Signal level : TTL) External sync signal Analog gain AGC / Standard / Variable DC +12 V Power requirements Power consumption Approx. 4.5 VA 0 °C to +40 °C Ambient operating temperature 70 % max. (with no condensation) Ambient operating humidity -10 °C to +50 °C Ambient storage temperature

SYSTEM CONFIGURATION



OPTIONS

- Camera adapter : A13206-03/-04
- 12PIN cable 5 m : A3194-01
- BNC cable 3 m : A3746-03
- Camera controller : C2741-63



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