

CS8541D Double-speed full frame camera

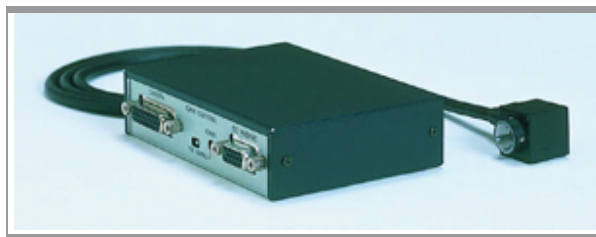
■ Product Description

CS8541D is a double-speed full frame camera having a small and lightweight body.

It is suitable to speed up for the video input of image processing and helps to cut cycle time by high-speed video output at 60fps, twice as greater than EIA.

■ Key Features

- *High-speed video output (60fps)
- *Ultra-small camera head (20 x 20 x 25mm, Weight: Approx. 19g)
- *Square grid array CCD
- *All pixels read out
- *Random trigger shutter function
- *Multiple shutter
- *Partial scan mode
- *External synchronization



■ Specifications

	CS8541D
Image sensor	Interline CCD
Active pixel	659(H) x 494(V)
Scanning area	4.8(H) x 3.6(V)mm (1/3 type)
Scanning lines	525 lines
Sync system	Internal / External Automatic switch-over
Scanning frequency	Horizontal: 31.468kHz Vertical: 119.88Hz (Under 2:1 interlace) or 59.54Hz (Under non-interlace)
Video output	VS: 1.0V(p-p)/ 75-ohm
H resolution	485 TV lines
S/N	52dB (Initial setting)
Power source	DC12V +/- 10 %
Power consumption	Approx. 3.0W
Lens mount	Special mount (M10.5 P0.5 Female)
Camera cable length	1m

External dimension	Camera head: 20(W) x 20(H) x 25(D)mm CCU: 110(W) x 28(H) x 80(D)mm
Weight	Camera head: Approx. 19g CCU: Approx. 190g