

Hamamatsu C9100-51 EM-CCD Digital Camera



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\$1995.00

In Stock

Qty Available: 1

Used and in Excellent Condition

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EM-CCD cameras



EM-CCDs revolutionized low-light imaging with on-chip amplification. Even with advances in CMOS, EM-CCD cameras with large pixels and back-thinned sensitivity are the best choice for extremely low-light, low-background applications. Refined over numerous generations for superior usability, these cameras offer fine control of camera features and image quality.

Product lineup	Features	Applications	Application examples	Related documents	Save to wishlist
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2 products

Sort



ImagEM X2 EM-CCD camera: C9100-23B

Electron Multiplying CCD camera with back-thinned type EM-CCD. The heavy cooled (-100 °C) high sensitive camera realizes 512×512 pixel read out speed of 70 frames second.

 Catalog 1.0 MB/PDF

 Save to wishlist

Contact

Effective no. of pixels
512 (H)×512 (V)

Fastest readout speed
70 frames/s

EM gain
4× to 1200×

Readout noise
8 electrons



ImagEM X2-1K EM-CCD camera: C9100-24B

Electron Multiplying CCD camera with back-thinned type EM-CCD. The heavy cooled (-80 °C) high sensitive camera realizes 1024×1024 pixel read out speed of 18.5 frames second.

 Catalog 1.0 MB/PDF

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Contact

Effective no. of pixels
1024 (H)×1024 (V)

Fastest readout speed
18.5 frames/s

EM gain
10× to 1200×

Readout noise

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