

Cameras Present 20 μ m Row Spacing



Targeting the color line scan camera market, e2v's 4S and 3V 4,096-pixel ElixXA monochrome cameras exhibit row spacing of 20 μ m center-to-center. The 18-kHz 4S device offers a sensor with 4 sensitive lines, with a "one-line-blind-spot" between each, and an overall scene area that is 7 lines in height. The 3V model grabs scenes running at 54 kHz with the multi-line sensor operating the individual lines at 18 kHz simultaneously. The cameras include a Camera Link interface, trigger modes, output modes, bi-directional scanning, sensor tap balance, flat field correction, and line balance. The 3V will be seen as a 320-MHz single-line camera, and the 4S model will be managed as a 80-MHz single-line camera. The products suit surface inspection for wafers, printed circuit boards, or flat panel displays, as well as UV or NIR wavelength scanning, and specific web inspection.

e2v

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