



DEVELOPMENT PLATFORM CAMERA

Contrast's VIA 4K camera is a powerful vision development platform that eliminates the need for frame grabbers and external hardware. Designed to be fully customizable, the VIA provides a complete solution for the toughest real-time imaging challenges for a wide range of industries.



**Brave processing power.** The VIA camera utilizes Contrast's Elan processing engine. Elan is a high-powered, configurable FPGA development platform with all the capabilities of external acquisition systems such as frame grabbers, built right in. Contrast's Elan engine was designed with unparalleled software, firmware and flexibility that will revolutionize real-time image processing.

- ON SEMI® AR1820, 4K CINEMA @ 30FPS
- XILINX® ZYNQ® MPSOC FPGA PLATFORM
- DDR4 AND QUAD SPI FLASH ONBOARD
- SIMPLE API AND LINUX BSP
- MULTI-CAMERA MANAGEMENT SUITE



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SOLUTIONS



TRAFFIC MONITORING

MACHINE VISION

REMOTE SENSING

PROCESS CONTROL

DRONE AND ROV

INSPECTION

REAL ESTATE

HIGH-SPEED IMAGING

SURVEILLANCE

IMAGE DETECTION

METROLOGY

MEDICAL

COMMERCIAL

PHARMACEUTICAL

FOOD AND BEVERAGE

IMAGE PROCESSING DEVELOPMENT

ACQUISITION TRACKING AND POINTING

