

## 4SIGHT EV6 VISION CONTROLLER

EV6I5M16DAPLUS

4Sight EV6 DA Full Core™ i5-7442EQ, 16GB RAM,  
64GB M.2 MLC SSD, Win 10

- Intel 7th Gen. Core i5
- Matrox MIL and Windows 10 IoT pre-installed
- Design Assistant X compatible
- 4x USB 3.0, 4x GigE PoE + 2x GigE
- Real-time I/O, PROFINET-support



### PRODUCT DESCRIPTION

Matrox® 4Sight EV6 is an industrial computer built for machine vision on the factory floor. Part of a long and solid history, the Matrox 4Sight EV6 is an evolution of its immediate predecessor, integrating a seventh-generation Intel® Core™ processor for ever more demanding multi-camera applications.

A fanless design with multiple ports for GigE Vision® and USB3 Vision® cameras make the Matrox 4Sight EV6 right at home in any production facility, keeping an eye on a single line or many lines. The Matrox 4Sight EV6 is backed by a vendor with a proven track record, delivering optimized machine vision hardware and a software toolkit with a 25-year history of reliable performance.

Matrox 4Sight EV6 is equipped with four Gigabit Ethernet and four SuperSpeed USB ports for connecting to the full range of available GigE Vision and USB3 Vision cameras. The Gigabit Ethernet ports support power-over-Ethernet (PoE) to further simplify cabling and thus reduce costs when opting for suitable GigE Vision cameras. Powered by a mobileclass embedded processor, Matrox 4Sight EV6 has what it takes to cost-effectively handle typical multi-camera inspections.

Matrox 4Sight EV6 provides the necessary connectivity for interfacing to other industrial equipment and communicating with enterprise systems. RS-232/RS-485 ports support connections to legacy automation devices, while two additional Gigabit Ethernet ports provide independent connections to industrial and enterprise networks. These networking ports include a hardware-assisted mechanism for PROFINET® communication. This mechanism ensures timely response when the automation controller is set up for a short cycle-time or when the processor is too busy performing other tasks.

### SPECIFICATIONS

<b>Chipset</b>	Intel HM175 Platform Controller Hub
<b>Digital Inputs</b>	8
<b>Digital Outputs</b>	8
<b>Height</b>	68 mm
<b>Length</b>	225 mm
<b>Memory For Data</b>	64
<b>Memory RAM</b>	16 GB
<b>Processor</b>	Intel Core i5-7442EQ
<b>Supply Voltage DC Max</b>	27 V DC
<b>Supply Voltage DC Min</b>	9 V DC
<b>Width</b>	15 mm

