4SIGHT EV6 VISION CONTROLLER
EV6I5M16

ZEBRA

- 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®3 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

12834_Computertype	Edge
Chipset	Intel HM175 Platform Controller Hub
Digital Inputs	8
Digital Outputs	8
Height	68 mm
Length	225 mm
Memory For Data	64
Memory RAM	16 GB
Processor	Intel Core i5-7442EQ
Supply Voltage DC Max	27 V DC
Supply Voltage DC Min	9 V DC
Width	15 mm

Front

2.68" / 6.8 cm

10.24" / 26 cm

5.91" / 15.0 cm

Chassis
mounting
points

Underside

Chassis
mounting
points

Back

Front

2.68" / 6.8 cm

10.24" / 26 cm

5.91" / 15.0 cm

Chassis
mounting
points

Underside

Chassis
mounting
points

Back