

4SIGHT GPM VISION CONTROLLER

End-of-Life 07/2019

4GPMJM4DA
4Sight GPM DA, Celeron J1900, 4GB RAM, 64GB
SSD, WES7



- Intel 3rd Gen. Core and Celeron processor
- Matrox MIL and Design Assistant compatible
- 4x USB 3.0, 4x GigE PoE
- Drive up to two operator displays

PRODUCT DESCRIPTION

Matrox 4Sight GPM is an industrial computer built for machine vision on the factory floor. A fanless design with multiple ports for GigE Vision® and USB3 Vision® cameras make the Matrox 4Sight GPM right at home in any production facility whether to keep an eye on a single line or many lines. The Matrox 4Sight GPM also comes from a vendor with a proven track record in delivering machine vision hardware and software for 20 years.

Matrox 4Sight GPM 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 mobile-class embedded 3rd generation Intel® Core® processor, Matrox 4Sight GPM has what it takes to cost-effectively handle typical multi-camera inspections.

Matrox 4Sight GPM also provides the necessary I/O connectivity for interfacing to other industrial equipment and communicating with enterprise systems. Discrete digital I/Os and RS232/RS485 ports support the connection to simple and legacy automation devices, while two additional Gigabit Ethernet ports provide independent connections to the industrial and enterprise networks.

The Matrox 4Sight GPM's fanless design reduces physical maintenance by eliminating the need to clean or replace an air filter, or replace a worn out fan. A rugged smallfootprint casing and wide ambient operational temperature range allows the 4Sight GPM to be mounted either horizontally or vertically in hostile spacelimited locations. Moreover, careful component selections secure the long term availability of the Matrox 4Sight GPM.

SPECIFICATIONS

Chipset	Intel® HM76 Platform Controller Hub (PCH)
Digital Inputs	8
Digital Outputs	8
Height	68 mm
Length	225 mm
Memory For Data	32
Memory RAM	4 GB

Processor Intel® Celeron® J1900

Temperature range bearing, from -40 °C

Temperature range bearing, to 85 °C

Temperature range from 0 °C

Temperature range to 50 °C

Width 150 mm

