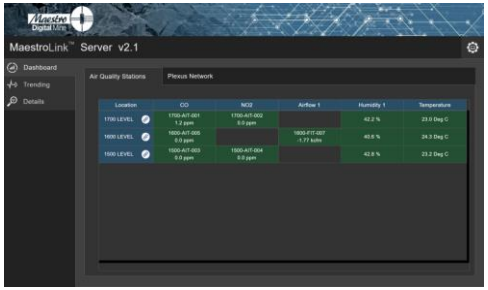
Series = MaestroLink™ Server - Historian and Data Link

1 = Options



MLS = MaestroLink™ Server

MaestroLink™ Server is a visual interface to Maestro's Industrial Internet of Things (IIoT) devices. Both real time data and diagnostics are tracked with built in historical and troubleshooting features.

MaestroLink™ Server comes preconfigured with a server. Once installed, MaestroLink™ Server will scan the network and self populate the web-based interface with device and sensor information.

MaestroLink™ Server has an SQL-based backend that discovers and tracks the installed Maestro IIoT devices and hosts a web-based interface accessible from any computer on the network via a browser to view data and diagnostics.

MaestroLink™ Server provides historical functions allowing users to see past sensor events as well as current live readings directly on a user's browser via graphical trends. These functions keep the user up to date about the over status and health of the device and every sensor configured.

For example, MaestroLink™ Server will provide the health status on the complete air quality stations right down to the gas sensor or airflow sensor.

Real time diagnostics allow the ventilation department to deploy maintenance in the proper location and with the proper replacement equipment while legacy analog based systems require on-site inspections to determine failure conditions.

SF = Software

PLS = Preloaded Server specifications:

- MaestroLink™ Server comes pre-loaded with a sealed fanless industrial edge computer.
- This industrial fanless edge gateway brings the ease of x86 architecture to an ultra small form factor and backed by a stable Linux or Windows 10 OS.
- Intel Pentium N4200 quad processor, 1.1 GHz speed
- Intel HD Graphics 500
- LPDDR4 4 GB memory
- 1 USB 2.0 port & 2 USB 3.0 Ports
- 1 COM Port (RS-232) serial port
- Power Button, power indicator LED
- 1 MicroSD Card slot
- 2 Gb LAN Ports with Realtek RTL8111G
- 2 Mini-Display video ports; 1 Audio Jack (Mic-in, Line-out); 4 Antenna jacks
- 1 PCIe Mini Card (Half-Height); MicroSD Card; mSATA (Shared PCIe Mini Card Slot) expansion & storage options
- standard 64 GB onboard EMMC Storage
- Built-in cooling fan ensures efficient and rapid heat dissipation
- 115 mm x 82 mm x 34 mm dimenions
- DIN rail; VESA & Wall mounting options
- 0°C to 40°C operating temperature range
- 100-240 VAC power adapter
- UL ListedDimensions 115 x 83 x 34mm
- Dimensions 115 x 83 x 34mm

Series	Options
MLS	1

Maestro Limited Warranty

High Grade Controls Corporation (High Grade) warrants that any Maestro Digital Mine (Maestro) equipment manufactured and sold by it will, upon shipment, be free of defects in workmanship or material. Should any failure to conform to this warranty become apparent during a period of one year after the date of shipment, High Grade shall, upon prompt written notice from the purchaser, correct such nonconformity by repair or replacement, EX Works factory of the defective part or parts. Correction in the manner provided above shall constitute a fulfillment of all liabilities of High Grade with respect to the quality of the equipment.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF QUALITY WHETHER WRITTEN, ORAL, OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OF FITNESS FOR PURPOSE).

The remedy(ies) provided above shall be purchaser's sole remedy(ies) for any failure of High Grade to comply with the warranty provisions, whether claims by the purchaser are based in contract or in tort (including negligence).

High Grade does not warrant equipment against normal deterioration due to environment.
Factors such as moisture, corrosive gases, solid particulates and DPM (diesel particulate matter) can be detrimental and can create the need for repair or replacement as part of normal wear and tear during the warranty period.

Gas sensors, on general, provides a useable service life of approximately one year. The absolute time depends on many environmental factors such as gas concentration levels, high level gas spiking, temperature, humidity and pressure. As such, High Grade, will provide a time based warranty of twelve (12) months from the date of shipment. For example, if a gas sensor fails after two (2) months, High Grade will provide a replacement sensor for 16.7% (2/12) of the replacement value. If the gas sensor fails after eleven (11) months, High Grade will provide a replacement sensor for 91.7% (11/12) of the replacement value and so forth.

Equipment supplied by High Grade but not manufactured by it will be subject to the same warranty as is extended to High Grade by the original manufacturer.

At the time of installation it is important that the required services are supplied to the system and that the sensors are protected from physical damage from moving equipment or water dripping or condensing on the electronics. The installation of proper electrical drip legs to prevent moisture from entering the electronic equipment is paramount.

All replacements or repairs necessitated by inadequate maintenance, normal wear and usage, unsuitable power sources or environmental conditions, accident, misuse, improper installation, modification, repair, use of unauthorized replacement parts, storage or handling, or any other cause not the fault of High Grade are not covered by this limited warranty, and shall be at Buyer’s expense. High Grade shall not be obligated to pay any costs or charges incurred by Buyer or any other party except as may be agreed upon in writing in advance by High Grade. All costs of dismantling, reinstallation and freight and the time and expenses of High Grade’s personnel and representatives for site travel and diagnosis under this warranty clause shall be borne by Buyer unless accepted in writing by High Grade. Goods repaired and parts replaced by High Grade during the warranty period shall be in warranty for the remainder of the original warranty period or ninety (90) days, whichever is longer.