



# Ultima® Network Display Module

[ introducing the latest addition to the Ultima family ]

The Ultima Network Display Module expands the capabilities of any Ultima *Plus* Digital Network. It provides the user with the ability to remotely view the status of Digital Ultima Gas Monitors. It can be connected anywhere along the Ultima *Plus* Digital Network data line. The Ultima Network Display Module can be configured to display the gas sensor status of up to eight modules on the network. By utilizing an Ultima Network Display Module with the Ultima *Plus* Digital Network System, the detailed display can be used to indicate the status of any Ultima Gas Monitor on the system providing tremendous flexibility. Installation costs are minimized since only a network cable is required to tie the Display Module to the network.

The Ultima Network Display Module will withstand those tough environmental conditions that occur in the field. It uses the same robust NEMA 4X type of enclosure used for the Ultima Gas Monitor and the Network Relay Module. If your installation has an explosion-proof equipment requirement, simply follow the National Electrical Code (NEC)

guidelines for installing equipment in a hazardous area. There is no need to change or modify the Ultima Network Display Module enclosure. It is rated for Class I, Division 1, Groups B, C, & D.

## Features

- Easy to install, operate and maintain
- Displays status of up to eight network gas sensor modules
- Gas value, Alarm, Status, Fault conditions, and date of last calibration is displayed
- Display locks on alarming device until acknowledged
- Designed for clarity in both low light and bright light
- NEMA 4X and explosion-proof installation ratings

## Benefits

- Saves you money. Many sites require remote indication of gas levels throughout the site. By

applying power and connecting a 2-wire cable to the Ultima *Plus* Digital Network, the Network Display Module is ready to go. The Display Module can either be factory-configured or configured on-site for the modules which it will display. This reduces your cost of installation and maintenance because there is no need to route the wiring to a central controller, and the configuration process is simple. Your configuration can be changed on-site to accommodate your changing system needs.

- Simplifies the total gas detection system. By using the Ultima Network Display Module with the Ultima Gas Monitor and the Network Relay Module, limitless flexibility is provided to afford the user with the exact gas detection system required.



## Operation

As mentioned above, the Ultima Network Display Module can be factory-configured to the user's exact configuration requirements, or it can be provided in an unconfigured mode for in-situ configuring. In either case, the module is shipped ready for mounting and installation. There is no need, in most installations, to open the unit for wiring or mounting. A wiring harness is provided for ease of installation. Simply connect the two power connections to a system power supply, and connect the two network connections to the network data line and the Display Module is ready to go. For the factory-configured version the user needs to supply all network configuration requirements at the time of ordering. This pre-configured version will be programmed at the factory to remotely display all user-defined devices. In the un-configured case, the user can either use a networked PC to define the configuration, or for small networks, the user can use the Ultima Calibrator or Controller to define the network configuration.

## Specifications

<b>Power Input</b>	7-30 VDC 160mA @ 7 VDC 35mA @ 30 VDC
<b>Temperature Range</b>	-20 to +50°C (-4 to +122°F)
<b>Humidity</b>	15 to 95% RH, non-condensing
<b>Hazardous Area Rating</b>	Class I, Div. 1, Groups B, C, & D NEMA 4X
<b>Approvals</b>	UL, CSA, EN
<b>Physical Size</b>	9 x 6 x 5 in. (228.5 x 152.4 x 127 cm)
<b>Weight</b>	4.5 lbs. (2.041 kg)

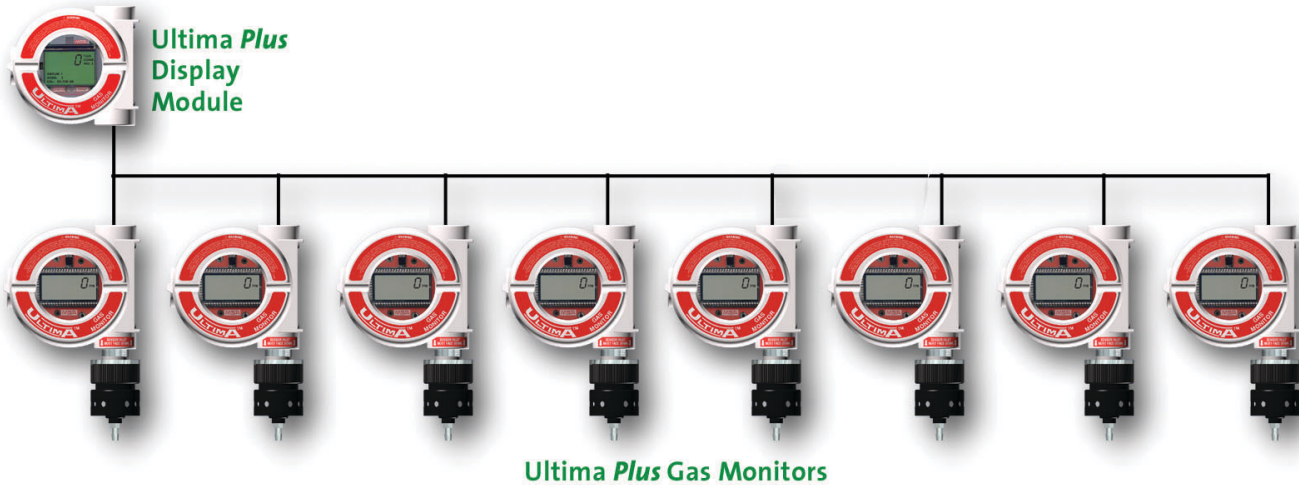
## Ordering Information

Ultima Network Display Module: Part No. 10010863

For more information on the Ultima Plus Digital Network System, see Bulletin # 1600-07

For more information on the Digital Ultima Gas Monitor, see Bulletin # 07-2015

For more information on the Ultima Network Relay Module, see Bulletin # 07-2019



**Note:** This Data Sheet contains only a general description of the product shown. While uses and performance capabilities are described, under no circumstances should the product be used except by qualified, trained personnel, and not until the instructions, labels or other literature accompanying the product have been carefully read and understood and the precautions therein set forth followed. Only they contain the complete and detailed information concerning this product.



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