

# Bitronics® D650

The D650 Detached Display is targeted to replace the Model M870D Detached Display. The Model D650 Detached Display, connects to the 70 Series (M871 and M872) Event Recording and Automation IEDs through one of the serial communications ports. The Model D650 is designed to provide a convenient way to view measurements made by 70 Series or PowerPlex II IEDs. A maximum of 64 (when used with 70 Series), or 10 (when used with PowerPlex II) user-configurable measurement screens can be displayed. The instrument can be set to display a single screen continually or automatically scroll through all available screens. Additionally, the user may manually step through all available screens.

Three individual D650 Displays may be mounted horizontally on a 19" panel, if desired.

## Features

- Rugged aluminum 4"(101,6 mm) round case
- Bright, high-efficiency, high reliability LED's
- Three lines displayed simultaneously
- High resolution: Five significant digits per line
- Pre-set engineering units or customized text automatically displayed
- Easy setup and scrolling from front display with "Touch-Sense" buttons
- Buttons allow for scrolling to desired parameter, or can be set for continuous looping of parameters
- Selectable RS-232 or RS-485 connection from any 70 Series IED
- Up to 15 displays can be supported over any of the RS-485 ports by each 70 Series IED
- Built-in web browser allows for some setup (along with the separate 70 Series Configurator)
- Wide-range universal power supply

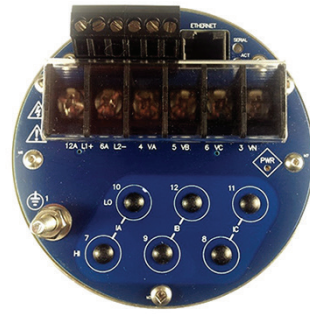


## Design

The Bitronics D650 fits in a standard 4" (101,6 mm) round opening with a 6.22" (158 mm) deep aluminum can.

Other design features include:

- -40°C to +70°C operating temperature
- Wide range universal power supply (nominal 48-250V dc/69-240V ac)

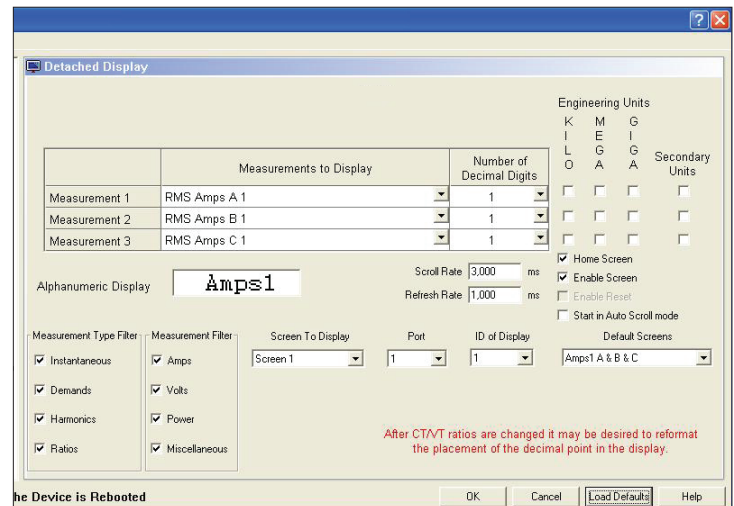


## Configuration

The Bitronics D650 can be easily configured through the supplied Windows® based 70 Series Configurator.

This provides:

- Selection of parameters to be displayed
- Selection of decimal place
- Ability to add special characters



Configuration of the D650 with 70 Series Configurator



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