

Industrial Static Control

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IQ Easy

STATIC NEUTRALIZING SYSTEM



IQ Easy

The EASY way to control static

The IQ Easy is a static neutralizing system made easy. The system connects multiple devices into a network with full control and monitoring through the IQ Easy Manager. This configuration lets devices work together using our patented closed-looped technology, giving you optimal neutralizing performance.

IQ Easy

Key Advantages

- Cleaning indication
- Output indication
- Color coded display
- Data logging
- Event logging
- Plug and play operation
- Universal mounting
- Safety approved
- Simple installation
- Upstream static charge level
- Downstream static level measurement
- 24VDC eliminates HV cables



Static Neutralizing Bars

IQ Easy static neutralizing bars are uniquely engineered with integrated high voltage power supplies and require a low voltage 24 DC input. This results in a safer and cleaner install. The shockless bars are made with a rugged, reinforced extrusion and use long-life emitter pins for maximum performance in demanding industrial environments. Highly visible status LEDs on the end of the neutralizer quickly let you know the state of your bar. There are over 60 different static neutralizing bar lengths available from 10 inches to 13 feet. Each bar connects with a standard M12 connector, offered in straight or right angled styles. These bars are IP66 rated against dust and splash giving you extra protection.

There are two varieties of IQ Easy static neutralizing bars available to best suit your application.

- **Speed** – Ideal for most applications including high speed requirements. They have a working distance of 2"-9".
- **Hybrid** – Recommended for farther distances, accommodating mounting up to 18" away from the target.

Sensor Bar

The IQ Easy Sensor bar is used to measure the field intensity of a conveyed material. The sensor bar is available in configurations that offer different sensor quantities and positions. This allows you to get a complete understanding of electrostatic charge issues unique to your application.

The Sensor bar is used in conjunction with the IQ Easy Manager and Static Neutralization bar. Using our proprietary closed-looped feedback system, the Sensor bar measures live conditions and controls the output of the static neutralizing bar to ensure that you are receiving the lowest possible residual static charge. Sensor readings are averaged across the web, and individual sensor readings are available.

- Full web width charge monitoring
- Individual sensor readings
- Over 40 bar configurations available
- Easy installation and maintenance



IQ Easy Sensor Bar

Sensor Module

IQ Easy Manager

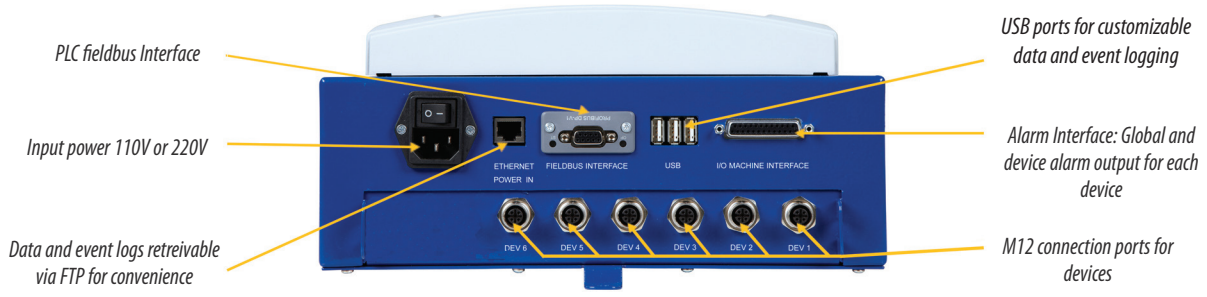
Neutralizing bars and sensor bars connect directly to the Manager. This unit powers these devices and provides ultimate monitoring and control over the system. Its 7" color touch screen lets you easily navigate and monitor the status of connected devices. A single connection to the Manager provides power and communication up to 6 devices.



Large color-coded displays on the home screen of the Manager visually give you the status of each connected device type.

- Green: Device is operational and running
- Red: Device/parameter fault or has exceeded the alarm level
- Yellow: Device/parameter warning i.e. cleaning is required
- Grey: No device is connected

Manager Connections



Manager Output Modes

Through the Manager you are able to configure the output modes of the neutralizing bar. There are four modes to cater to your specific needs:

- **Fixed** – Output is optimized for typical conditions ideal for a wide array of applications.
- **Manual** – User controlled output.
- **Auto-Tune** – Patented feature that automatically senses and adjusts. Suitable for wide webs and high charges at fast speeds.
- **Closed-loop feedback (CLFB)** – Another patented feature where a static neutralizing and sensor bar are paired together for complete quality control and superior performance.

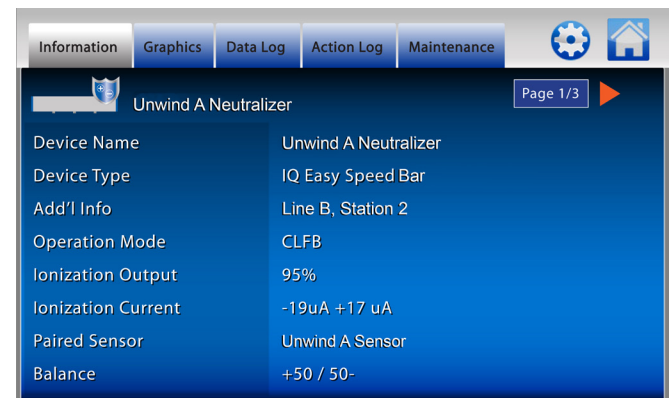
As you move further into the Manager, you have access to all device and process parameters, including the upstream static charge level.

Individual Sensor Readings

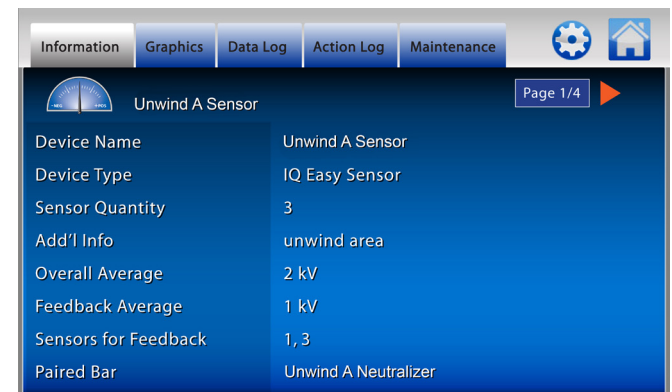
IQ Easy Sensor	
Web Voltage Sensor 1	1 kV
Web Voltage Sensor 2	8 kV
Web Voltage Sensor 3	1 kV
Web Voltage Sensor 4	
Web Voltage Sensor 5	
Web Voltage Sensor 6	
Web Voltage Sensor 7	

Manager Screens

Summary of Neutralizing Bar

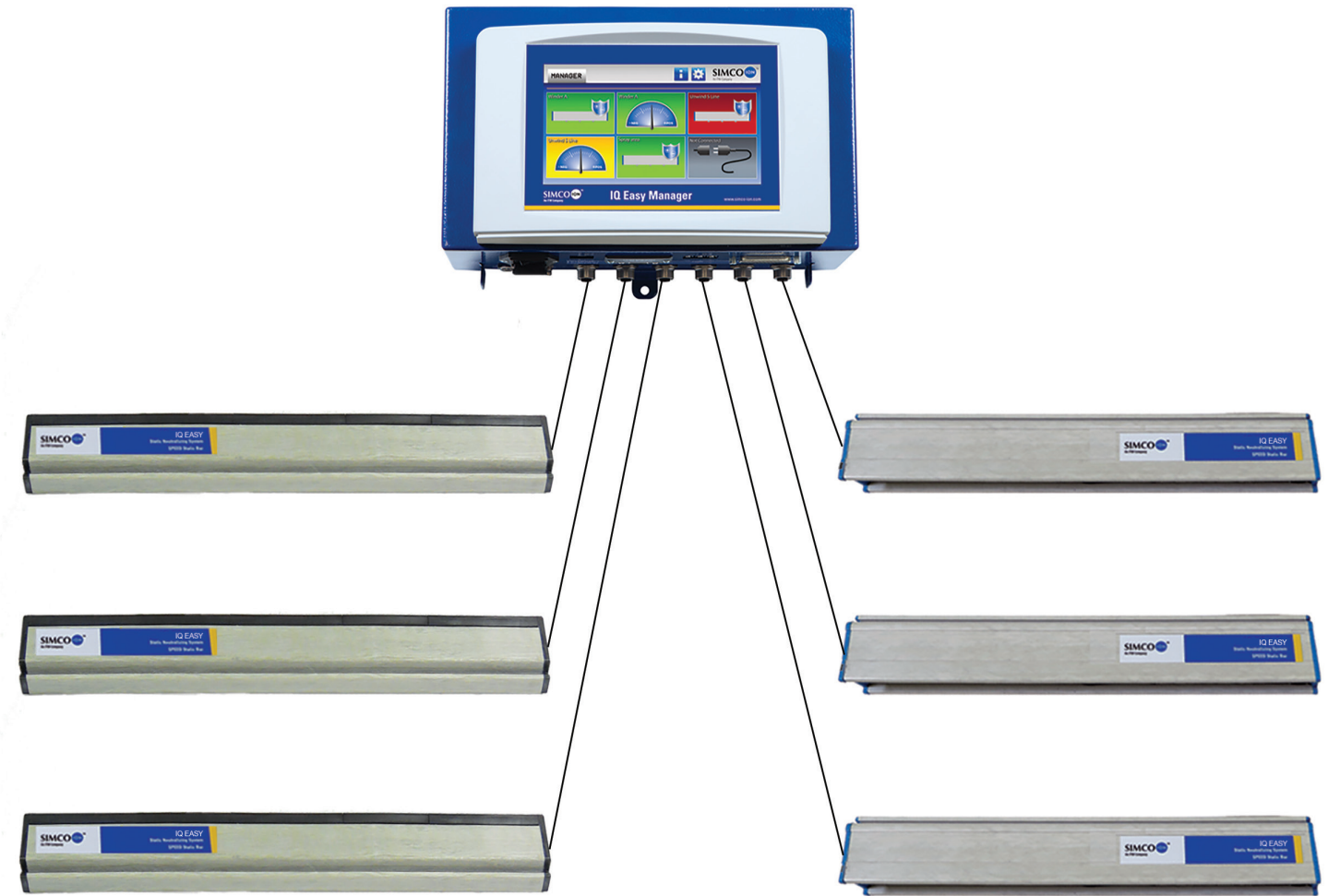


Summary of Sensor Bar



IQ Easy System Network

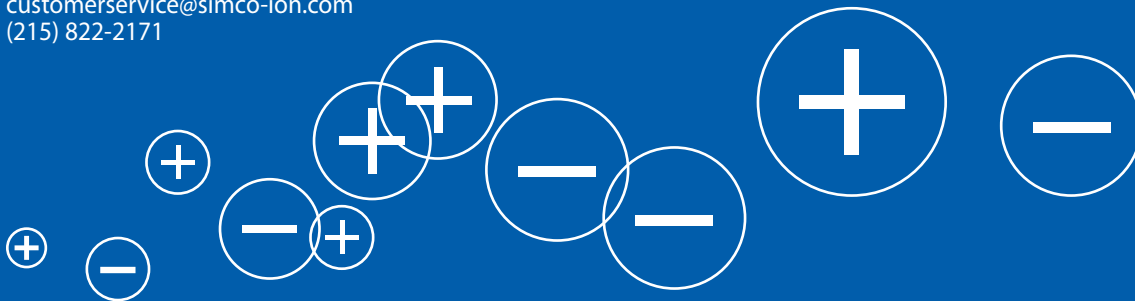
The IQ Easy System can control and monitor up to six devices as a complete network through the IQ Easy Manager. The six devices can be any combination of the IQ Easy Static and/or Sensor bars. PLC integration is available with a choice of various protocols.



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