Are you looking for a way to increase productivity, reduce errors in counting units produced, and display production efficiencies? The Metric Display System provides an easy to configure, automated solution, for counting throughput and rejects on a production line and/or on manufacturing machines.

The Metric Display System is a plug-and-play system allowing for easy installation and configuration in less than a day. A Counter Station is mounted next to a manufacturing line or machine and plugged into a 120VAC outlet. The Counter Station captures throughput metrics, showing the total count on a local LCD display, and wirelessly sending the metric to the centralized Display Station.

The Display Station wirelessly gathers metrics from multiple Counter Stations and displays metric screens on a standard TV or computer monitor. In addition, the Display Station can connect to a local area network (LAN) to allow remote access with any web-enabled device.

Captured metric data is displayed, real-time, on a standard television or computer monitor. This data is stored in a standard .CSV file, allowing it to be imported into databases. With the Metric Display System, every plant floor operator, office manager, and executive can have remote access to view real-time metric data.

Featured metric screens
- Bar Graph - Total Units per Hour for last 8 hours
- Total Number of Units Produced & Units Rejected
- Number of Units per Minute averaged over 60 minutes
- Total Units Produced over the last 12, 24, and 48 hours
- Total Units Produced per Shift, (up to 3-shifts)
- Number of days without accident (with reset button)
- Machine down notification with timer (with reason codes)
The Metric Display System is designed to operate in an industrial indoor environment. The wall mount enclosures plug into a standard 120 VAC outlet, no electrical wiring required. System configuration is performed through a standard web-browser by connecting a host computer to the Display Station, no programming required. In addition, the Metric Display can be easily expanded by adding more Counter Stations and making simple configuration changes.

<table>
<thead>
<tr>
<th>Display Station</th>
<th>Part Number MDS-DSR-1</th>
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<tbody>
<tr>
<td>Includes…</td>
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<tr>
<td>Display Station</td>
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<tr>
<td>DVI to HDMI cable—15 feet long</td>
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<tr>
<td>HDMI to DVI adapter (for DVI to DVI connections)</td>
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<tr>
<td>Extended Range Antenna (5dBd Swivel Mount)</td>
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<tr>
<td>Wall Mounting Hardware</td>
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<tr>
<td>CompactFlash Card, 2 GB</td>
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<tr>
<th>Counter Station</th>
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<tr>
<td>2X NPN Reflective Photo-Eyes</td>
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<tr>
<td>2X L-Shaped Photo-Eye Brackets</td>
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<tr>
<td>2X Photo-Eye Reflectors</td>
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<tr>
<td>2X Photo-Eye Cables (13 feet long)</td>
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**Product Size:**
- Display Station: 13.5(H) x 10.3 (W) x 10.2 (D)
- Counter Station: 8.0 (H) x 6.0 (W) x 3.5 (D)

**Mounting:**
- Wall mount enclosure

**Operating Temp:**
- 0 to 45°C

**Electrical:**
- Display Station: 100-120 VAC 5amps
- Counter Station: 100-120 VAC 2 amps

**Counter Input Connection:**
- 24 VDC NPN; Other digital input devices are acceptable.

**Photo-Eye Rating:**
- IP 67

**Video Output:**
- 720P DVI Video Connection (no audio) supports 720 to 1080 TV’s with DVI or HDMI

**Display Station Connectivity:**
- 10/100Base-T(X) Ethernet Port, 2X RS-232,
- 1X USB Host Port

**Wireless Radio:**
- 2.5GHz (65mW/100 mW EIRP)
- Up to 2 miles line of sight distance

**Counter Range:**
- 0 to 99,999,999

**Easily Expandable**
Up to 30 Counter Stations can be easily added to a single Display Station

**Fully Customizable**
S&R Robot Systems can customize the Metric Display System to meet your manufacturing needs. Metric indicators such as run time hours, tank levels, dwell times, preventative maintenance task, and/or timers can be added to the display system.

In addition, trained personnel has access to customize the Metric Display System. A free, downloadable software can be used to modify the Metric Display Station programs.

See our website for more information about S&R Robot Systems

http://www.RobotSystemsLLC.com
972-271-5203