Displaydata

Lean, fast, productive: Electronic Displays & automotive manufacturing

MIN. 1/2 BOX		SHORTAGE HOTLINE: 4242
PG29-06196-7J		
EJJRH MMRL GND		

RACK STATUS: 12:56		USAGE	DELIVERY
LAST SEQ. **3740**	BOXES 4 3242 TO 3872 SAFETY STOCK	LAST H 18PCS THIS H 11PCS NEXT H 10PCS	ORDERED 2 PICKING 1 DELIVERING 2
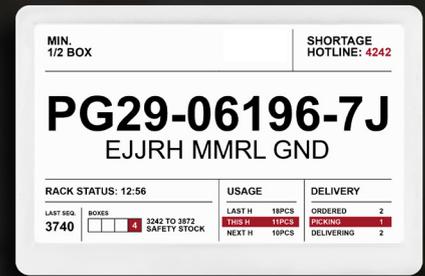
Automotive manufacturing can lay claim to being one of the world's most advanced industries. In recent years in particular, plants have invested heavily to automate build, support the production of a new range of ultra-efficient vehicles, and meet changing consumer expectations. Customers increasingly want their cars built to order, with configurations on many mainstream models running into the millions, while they also want their cars delivered faster too. As the complexity and time pressures grow, so does the need to operate with even greater speed, accuracy and agility.

While continual refinements to manufacturing workflows, especially around Just in Time capabilities, have created ultra-efficient plants, we believe there is one key area that could still be improved – labelling. In many plants, from the warehouse to lineside, paper is still used to show stock levels and locations, work orders, and more. Creating, printing and changing the paper labels is time-consuming and susceptible to error. And in such an advanced and connected environment, where everything is orchestrated to work in perfect unison – often to the second – there has to be a better way to display information to teams.

Electronic displays provide it.

A paper-free plant

Our smart electronic display solution can keep your teams updated with the information they need to work efficiently, accurately and productively. Managed remotely, and wirelessly, they cut out time-consuming manual updates, saving your workers time while reducing your printing costs.

The bright, colourful displays can show almost any data, from stock levels to check lists. What's more, the fully electronic displays can show clear and accurate information to workers. With a wide range of sizes to choose from, you can show as much information as you need, while the electronic displays are easily and securely fitted to just about anything, from shelves to bins to trollies, and more. You can use the electronic displays to:

- **Automatically register goods:** With our electronic displays that have Bluetooth built-in fixed to component racks, inventory can be automatically and accurately registered – saving the time needed to manually capture data – with parts moved straight to the line in step with sequence numbers.

- **Optimise warehouse space:** As you relocate items in the warehouse the electronic displays can be easily updated to mirror these changes, clearly relaying what's on the shelf, rack, or bin to ensure accuracy and compliance.

- **Enhance supermarket replenishment:** Workers can view a pick list on their trolley, and when they're ready to replenish items, the electronic display will flip to show the next pick list.

- **Support efficient line performance:** Fitters can be confident that they have enough parts to hand with the electronic displays on their racks, updating sequence numbers as vehicles progress so reducing the tendency for fitters to over order or panic and stop the line.

And with the electronic displays available in a choice of colour combinations (red, black and paper white or yellow, black and paper white) you can use vivid border colours to alert workers to urgent actions – ideal for high-pressure replenishment tasks.

For more information please contact us at: contact@displaydata.com (0)1344 292 110
www.displaydata.com | @Displaydata | www.linkedin.com/company/displaydata
Displaydata Limited, 1st Floor, Greenwood House, London Road, Bracknell, Berkshire, RG12 2AA, UK

Displaydata

Digitise build sheets

If you're looking to completely remove paper from your plant, our Chroma 12.5" electronic display may hold the answer.

The same size as an A4 build sheet, it has enough space to display all the information your vehicle fitters need.

Smart technology, small footprint

The IT infrastructure that supports our electronic displays is designed to be robust, reliable, and enterprise-ready, requiring minimal cabling and hardware. The electronic displays can be remotely managed while the solution is easily integrated with your existing systems, and the network operates in the sub-1Ghz frequency. This frequency is different to that used by Wi-Fi and RFID, so it will not interfere with these networks or mobile devices. The solution includes:

- **Intuitive software:** Dynamic Central software only needs to be installed on one server at your head office – physical or virtual – and allows you to update any number of electronic displays remotely, in seconds. And with simple drag-and-drop templates, you can easily re-design and update the layout of your electronic displays at any time. What's more, the displays confirm that updates have been made and communicate their status back to you. This allows remote changes to be made to their settings to optimise display performance.

- **Powerful communicators:** Every electronic display is managed wirelessly, through small Dynamic Communicators powered over Ethernet. Each Communicator can connect with up to 200,000 electronic displays over 50,000 square feet and fits on a simple bracket, minimising the financial impact of installation.

- **High quality displays:** The electronic displays combine bright, vivid colours with sharp text to clearly display information that's viewable through 180°. Each electronic display is battery powered, with long lasting and replaceable batteries. The electronic displays also report back their battery life to avoid any downtime, and update on their status – such as whether planned changes have been made. Robust IP rated Guard enclosures are also available that protect the electronic displays from dust, dirt and bumps.

Simple signage and lean operations

Battery-powered, easily fitted, and wirelessly managed, our electronic displays are more dynamic and durable than paper, and more cost-effective than LCDs or tablets. They're also sleek and aesthetic, and provide a cost-effective solution that supports the agile and timely flow of data around your plants to help teams work with greater speed and accuracy.

Key benefits include:

- Removing more paper from plant processes

- Keeping on top of inventory

- Conveying accurate and timely information to teams

- Gaining valuable time across workflows for leaner and efficient operations

- A simple to deploy and manage solution that lowers costs

Displaydata