

AllMark 310

Plug and Print Industrial Ink Jet Printer

Easy to use, powerful, low-cost print solution for a wide range of production applications and environments

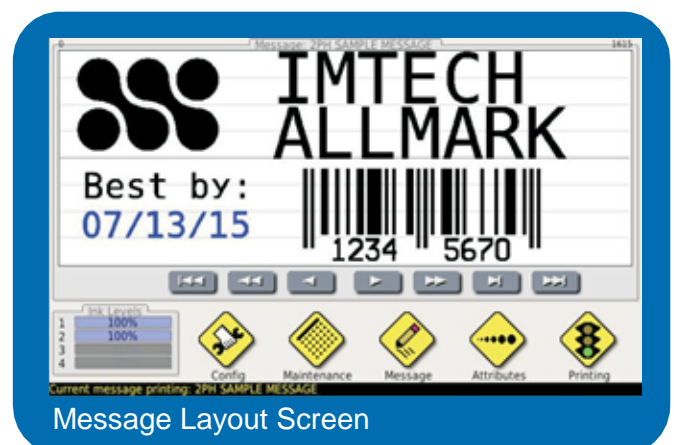
- Simple – Icon-based touchscreen panel with graphical user interface
- Flexible – Prints all major linear bar code and 2D symbologies, images, counters, and lot/date codes, as well as user loadable fonts
- Powerful – Operate stand-alone or network with remote message selection via Ethernet
- Low maintenance – HP 45 Thermal Ink Jet Technology (TIJ)
- High resolution – Up to 600 dpi
- Versatile – Supports a wide range of aqueous, solvent and UV curable inks

The AllMark 310 system handles all of your industrial coding requirements. Easy to set up and operate, the AllMark 310 enables you to create and print high resolution text, bar codes, logos, and graphics. With its icon-based, WYSIWYG touchscreen interface, message creation is fast and simple.

With a print height of up to 1" (25.4 mm), the AllMark 310 delivers high resolution print quality (up to 600 dpi) for a variety of applications. Our large ink portfolio, available in single use cartridges or bulk supply, lets you print on a wide variety of substrates.



AllMark 310 Controller



Message Layout Screen

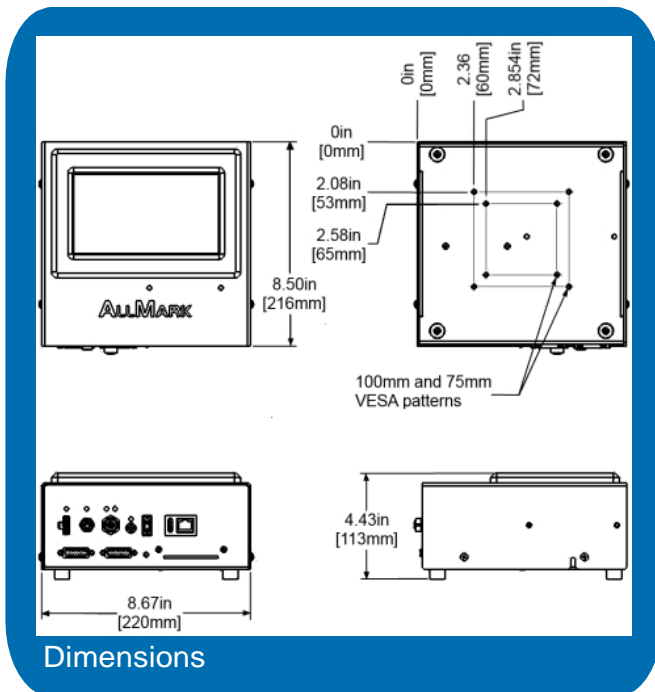
PRODUCT SPECIFICATIONS

General Specifications

- One (1) or two (2) 0.5" (13 mm) printheads
- Reliable HP 45 TIJ technology
- IP51 environmental protection rating
- Bench or wall mountable
- Industrial powder-coated enclosure
- Features a wide range of inks, including aqueous, solvent, and UV curable

Dimensions

- 8.67" (22.0 cm) x 8.50" (21.6 cm) x 4.43" (11.3 cm)



Operator Interface

- Industrial 7" (17.8 cm) color backlit touch screen
- WYSIWYG display
- Icon-driven, GUI operating system
- Color-coded message fields to easily distinguish the different data input types
- Create messages on controller or on PC (download via USB)
- User-configurable password protection

External Communication/Interface

- Remote message selection via Ethernet
- Import logos, TrueType fonts and externally created messages via USB port
- Auxiliary output port

Print Specifications and Parameters

- Up to four (4) lines of text per printhead
- Minimum character size: 0.063" (1.5 mm)
- Maximum character size: 1" (25.4 mm)
- Print forward, reverse, inverted, and mirrored
- Maximum speed: 1,000 ft/min (304.8 m/min) @ 75 dpi
- Internal speed setting or optional external encoder
- Printing orientation: Horizontal and down
- Adjustable printhead firing parameters accommodate a wide range of inks for a variety of substrates, including PVC, plastic, coated, and corrugated

System Components and Accessories

- Photocell (sinking type)
- Encoder (optional)
- Mounting hardware
- Printheads: 1/2" (12.7 mm) and 1" (25.4 mm)
- Single use cartridge and bulk ink supply

Message Options

- Message fields: Text, bar codes, logos, variable counters, and date/time
- Bar Codes: Code 39, I 2 of 5, UPC-A, EAN-8, EAN-13, Code 128 (subsets B and C), ITF-14, Data Matrix



Printheads (OBMs)