||||: ID TECHNOLOGY®

CLEARMARK HR™ INKJET CODING SYSTEM

High Resolution Inkjet Coding

The all new ClearMark HR is a high-resolution inkjet system is engineered to deliver simplicity, reliability, flexibility and a lower total cost of ownership over the life of the system.

Built on many years of experience and using industry leading print engines, ClearMark HR is designed to be integrated into many production lines, delivering excellent print quality and barcodes.

ClearMark HR prints high-resolution images on porous surfaces in the most challenging of industrial environments. The new print head design allows for an easy swap between the ClearMark2 and ClearMark4 printheads, improving versatility and drastically reducing downtime.

FEATURES AND BENEFITS

- Patented quick disconnect printer modules – quickly replace a 2 inch ClearMark HR2 with a 4 inch version.
- Localized wireless connectivity to controller – does not need to connect to your plant WiFi network.
- Capable of connecting up to 8 print heads.
- Prints messages up to 4 inches high from a single print head ClearMark HR4 printhead.

- Shelf life of new, unopened ClearMark HR inks is 24 months.
- Smart ink cartridge monitors ink levels and type.
- Automatic cleaning for high-quality printing.
- Durable, fully repairable printer modules.
- Maximum system control flexibility.
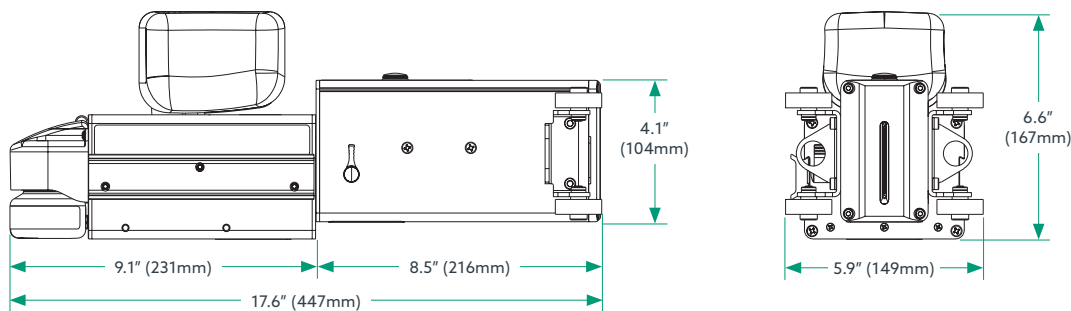- Industrial touchscreen controllers.

The all new ClearMark HR is a high-resolution inkjet system is engineered to deliver simplicity, reliability, flexibility and a lower total cost of ownership over the life of the system.
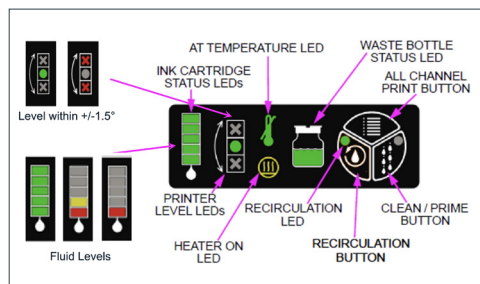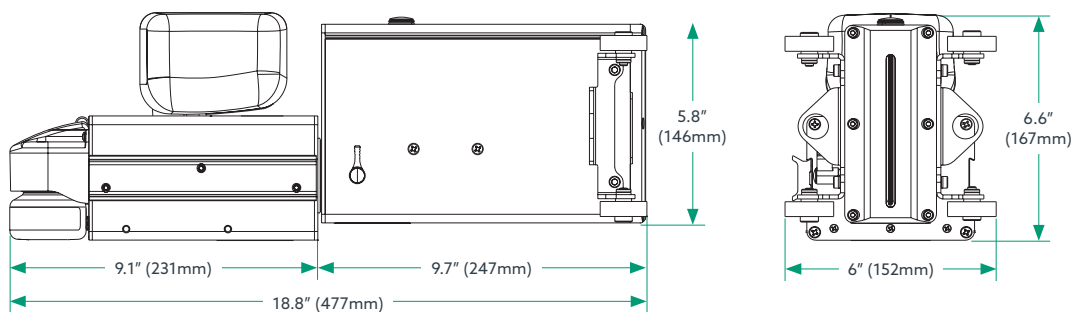
STANDARD PRODUCT SPECIFICATIONS

Print Height	2" (ClearMark HR2) / 4" (ClearMark HR4)
Print Resolution	64 X 300 dpi (100-300 dpi user selectable range)
Print Speed*	Alphanumeric: Up to 200 fpm @ 200 dpi / Up to 130 fpm @ 300 dpi Barcodes: Up to 150 fpm @ 200 dpi
Throw Distance	1/8" (Recommended for best quality)
Operating Temperature	40°F to 104°F (4°C to 40°C)
Operating Humidity	5 - 90% Non-condensing

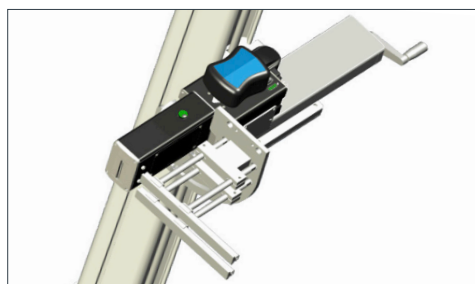**Higher line speeds achievable in many cases.*

CLEARMARK HR2

CLEARMARK HR4

The backplane of the ink module includes useful status indicators including ink supply and print-head angle.

The mounting hardware is an important part of a printer installation. Using ID Technology's TX mounting system with your ClearMark HR printer, ensures the best possible results.

The ClearMark HR can be controlled from our industrial HMI or any Windows PC