

I·Mark™ OEM Controller

I-Mark OEM™ Controller V80i



Small modular design

Seamless integration

Broad range of connectivity

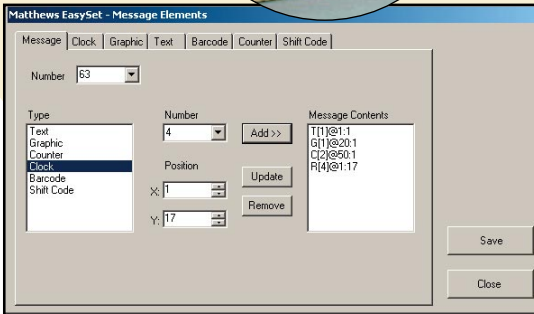
Wide range of accessories and inks

Versatile printing with up to 4 printheads

The I-Mark V80i OEM Controller is an innovative ink-jet controller that is purposefully designed for OEM and system integrator applications. Coding solutions built with the V80i controller offer significantly more scalability, versatility and efficiency. This controller allows machine builders and integrators to easily incorporate ink-jet marking into system design, while avoiding costly printers designed for end users.

The V80i has the ability to control up to four Drop-on-Demand printheads independently. This individual control of the attributes of each connected printhead presents an innovative realm of flexibility for coding applications. A set-up utility kit that includes a graphical user interface for managing printing attributes is optionally available.

With its broad range of connectivity and seamless integration, the V80i offers the opportunity for OEM's and system integrators to extend the usefulness of their applications, while making it easier to develop, integrate and maintain new, value-added services.



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I·Mark™

OEM Controller

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PRINT PERFORMANCE

Lines of print: up to 4

Maximum speed: up to 700 fpm (3.56 m/s)

Character height range: .125" to 2.5"
(3.175 mm to 64 mm) per printhead

Maximum number of printheads: 4

Flexible control options: Independent control of attributes of each connected printhead (dot size, print width, print delays, character height)

Print formats: Static and dynamic message fields, upper and lower case characters, many fonts including 5x5, 7x5, 9x7, 14x10, 16x10, 21x15, 32x20, height/width/delay functions, automatic roll-over clock and calendar functions, graphics/logos, bar codes (Interleaved 2 of 5 and Code 39), shift codes, sequential and batch numbering, logos with stitched printheads, remote messaging, database imports

Printheads: (Mix and match up to 4 heads)

14mm, 28mm, 32mm, 64mm, 7v 3000, 16v 3000, 32v 3000, Single-Valve, Mini-Drop

INK SYSTEMS, INKS & SUBSTRATES

Ink Systems: 1 liter, 4 liter, 19 liter, 55 gallon drum

Ink Types: Fast dry, pigmented, dye and water-based inks for porous and non-porous surfaces

Colors: Black, Blue, Green, Red, Yellow, White, Brown, Purple, Orange and many more

Substrates: ABS plastic, aluminum, brass, ceramic, coated paper, cold rolled steel, copper, corrugated, EPDM, felt, galvanized steel, glass, gypsum board, kraft paper, leather, mylar, natural fabrics, neoprene, paper board, plastic film, plexiglass, polyethylene, polypropylene, polystyrene,

polyvinylchloride, recycled paper, rubber, steel, stainless steel, synthetic fabrics, thermoplastic, urethane, vinyl, wall board, wood, and many more

PHYSICAL & ENVIRONMENTAL CHARACTERISTICS

Control Unit: Anodized aluminum enclosure

Dimensions: 12.5" l x 8" w x 3.13" h
(317.5 mm l x 203.2mm w x 79.50mm h)

Electrical: 115/240 VAC, 50/60 Hz available

Operating temperature: 32 – 113° F (0 – 45° C)

Humidity: 10 – 95% non-condensing

COMMUNICATIONS, CONNECTIVITY & SOFTWARE

- RS232
- Shaft encoder input(s)
- Print trigger input(s)
- ASCII text remote communications command protocol
- Windows-based setup utility*
- Memory capacity: 256 messages

*Available Options

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	Head 1	Head 2	Head 3	Head 4
Column Spacing	4000	4000	4000	4000
Dot Size	100	100	100	100
Margin	0	0	0	0
Mark End	1	1	1	1
Mark Gap	0	0	0	0
Mark Length	353	678	353	678
Message Number	1	2	3	4
Print Direction	1	0	1	0
Print Height	10	30	10	30
Tilt Aspect Ratio	4	2	4	2
Update Mode	1	1	1	1

OK Cancel