

INDUSTRIAL

# I-Class Mark II Industrial Printer

## I-Class Mark II Industrial Printer

### Overview



Feedback

The I-Class Mark II family of mid-range industrial barcode printers can easily keep up with high-speed label demand applications. With a state-of-the-art processor, printer throughput is very fast. And thanks to a modular design, it's easy to add and/or change printer options to upgrade and reconfigure as your business needs grow.

- Communication ports include serial, parallel, USB, LAN, and two USB Host ports and an SDIO, WLAN, and GPIO interface card.
- Modular design allows for user field-upgradeable options like thermal transfer and internal rewinder.
- Wide printhead access makes the I-Class Mark II easy to maintain with quick printhead and platen roller replacement.
- Rugged construction features a gear-driven design and durable die-cast aluminum frame.
- Graphic display includes an easy-to-read 7-button 128 x 64 LCD display for user-friendly label configuration.

I-Class Mark II mid-range industrial barcode printers have the speed and rugged durability you need for high-productivity applications in shipping and receiving, product identification, pharmacy labeling and asset tracking. With a legendary reputation in the industry as a high-quality printer, I-Class Mark II printers are competitively priced, reliable and easy to integrate. I-Class Mark II printers are loaded with many standard features, including a fast processor, large memory, and a wide selection of communication ports. Plus, the IntelliSEAQ™: print head features a durable coating, better abrasion resistance, and longer life. I-Class Mark II printers are versatile, too. Use them in a wide variety of industrial applications with a range of media compatibility, connectivity, emulation support and options.

#### Specifications at a glance:

- Printhead: Direct thermal: optional thermal transfer
- Media roll width: 25.4 mm to 118.1 mm (1.0 in to 4.7 in)
- Maximum print width: 105.7 mm (4.16 in)
- Print speed: •: I-4212e: 304 mms (12 ips), 8 mmps (203 dpi) •: I-4310: 254 mms (10 ips), 12 mmps (300 dpi) •: I-4606: 152 mms (6 ips), 24 mmps (600 dpi)

- Ethernet-wired LAN 10/100, W-LAN with WPA2 security protocol, 2 USB Host Ports and SDIO, GPIO interface card

# Specifications

## FEATURES

|                                                                                                             |                                                                                                                                     |                                                                                |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <b>Compatible Software</b> <ul style="list-style-type: none"><li>• NETira CT</li><li>• NETira LD</li></ul>  | <b>Compatible Drivers</b> <ul style="list-style-type: none"><li>• Windows NT</li><li>• Windows Vista</li><li>• Windows XP</li></ul> | <b>Door Options</b> <ul style="list-style-type: none"><li>• Standard</li></ul> |
| <b>Application</b> <ul style="list-style-type: none"><li>• Distribution</li><li>• Pharmaceuticals</li></ul> | <b>Features</b> <ul style="list-style-type: none"><li>• 5 Languages</li><li>• Easy to Upgrade</li><li>• Rugged</li></ul>            |                                                                                |

## DIMENSIONS

|                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Overall Dimensions</b> <ul style="list-style-type: none"><li>• 12.7 x 12.6 x 18.6 in</li><li>• 32.26 x 32.05 x 47.24 cm</li></ul> |
|--------------------------------------------------------------------------------------------------------------------------------------|

## SOFTWARE & FIRMWARE

|                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Downloadable Font Type</b> <ul style="list-style-type: none"><li>• Bitmap</li><li>• TrueType</li></ul> | <b>Linear Barcodes</b> <ul style="list-style-type: none"><li>• Codabar</li><li>• Code 11</li><li>• Code 128</li><li>• Code 3 of 9</li><li>• Code 93</li><li>• EAN-13</li><li>• EAN-8</li><li>• FIM</li><li>• HIBC</li><li>• Industrial 2 of 5</li><li>• Planetcode</li><li>• Plessey</li><li>• Postnet</li><li>• Std 2 of 5</li><li>• Telepen</li><li>• UCC/EAN Code 128</li><li>• UPC 2- and 5-Digit Addendums</li><li>• UPC-A</li><li>• UPC-E</li><li>• USPS-4 State</li></ul> | <b>2D Barcodes</b> <ul style="list-style-type: none"><li>• Aztec</li><li>• Codablock</li><li>• Code 16k</li><li>• Data Matrix</li><li>• GS1 Databar</li><li>• MaxiCode</li><li>• Micro PDF417</li><li>• PDF417</li><li>• QR-Code</li><li>• TLC 39</li><li>• USD-8</li></ul> |
| <b>Printer Command Language</b> <ul style="list-style-type: none"><li>• DPL</li></ul>                     | <b>Image File Format</b> <ul style="list-style-type: none"><li>• BMP</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                             |

- PL-I
  - ZPL-II
- IMG
  - PCX

PRINTING SPECIFICATIONS

|                                                                                                                                |                                                                                                               |                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Font Modification</b> <ul style="list-style-type: none"><li>• Expansion</li><li>• Mirror Image</li><li>• Rotation</li></ul> | <b>Print Speeds</b> <ul style="list-style-type: none"><li>• 10 ips</li><li>• 12 ips</li><li>• 6 ips</li></ul> | <b>Print Method</b> <ul style="list-style-type: none"><li>• Direct Thermal</li><li>• Thermal Transfer</li></ul> |
| <b>Resolutions</b> <ul style="list-style-type: none"><li>• 203 dpi</li><li>• 300 dpi</li><li>• 600 dpi</li></ul>               |                                                                                                               |                                                                                                                 |

MEDIA

|                                                                                                              |                                                                                                    |
|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <b>Maximum Ribbon Length</b> <ul style="list-style-type: none"><li>• 1,968 foot</li><li>• 600 foot</li></ul> | <b>Printer Media Type</b> <ul style="list-style-type: none"><li>• Label</li><li>• Ribbon</li></ul> |
|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|

NETWORK

|                                                                                      |                                                                                   |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>Wireless Communication</b> <ul style="list-style-type: none"><li>• WiFi</li></ul> | <b>RFID Specifications</b> <ul style="list-style-type: none"><li>• RFID</li></ul> |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|

Feedback

ELECTRICAL

|                                                                                         |                                                                                                                   |
|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Operating Frequency</b> <ul style="list-style-type: none"><li>• 47 - 63 Hz</li></ul> | <b>Operating Voltage</b> <ul style="list-style-type: none"><li>• 180 - 264 V AC</li><li>• 90 - 132 V AC</li></ul> |
|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|

ENVIRONMENTAL

|                                                                                                                |
|----------------------------------------------------------------------------------------------------------------|
| <b>Operating Temperature</b> <ul style="list-style-type: none"><li>• 0 - 40 °C</li><li>• 32 - 104 °F</li></ul> |
|----------------------------------------------------------------------------------------------------------------|

SERVICE TERMS

|                                                                                 |
|---------------------------------------------------------------------------------|
| <b>Warranty Duration</b> <ul style="list-style-type: none"><li>• 1 yr</li></ul> |
|---------------------------------------------------------------------------------|

Product Number

# SKUs

| SKU             | DESCRIPTION                                                                                                                                                                               |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I12-00-06900007 | I-4212e 4inch - 203DPI, 12IPS Printer w/graphic display, DT, 220v: GB and EU Plug, Cast Peel and Present Option and Internal Rewinder, 3.0/1.5inch Media Hub                              |
| I12-00-06900L07 | I-4212e 4inch - 203DPI, 12IPS Printer w/graphic display, DT, 220v: GB and EU Plug, Cast Peel and Present Option and Internal Rewinder, Base Model w/Wired LAN, 3.0/1.5inch Media Hub      |
| I12-00-08000007 | I-4212e 4in-203DPI,12IPS Printer w graphic display,Datamax Kit,Direct Thermal,110v Black Power Cord With U.S. Plug,3.0in-1.5in Media Hub                                                  |
| I12-00-08000C07 | I-4212e Wired/Wireless LAN                                                                                                                                                                |
| I12-00-08000L07 | I-4212e 4in-203DPI,12IPS Printer w graphic display,Datamax Kit,Direct Thermal,110v Black Power Cord With U.S. Plug,Base Model w-Wired LAN,3.0in-1.5in Media Hub                           |
| I12-00-08000W07 | I-4212E 4 IN 203 DPI, DT Ethernet + W-LAN 802.11 A/B/G/N/AC, US PLUG                                                                                                                      |
| I12-00-08400007 | I-4212e 4in-203DPI,12IPS Printer w graphic display,Datamax Kit,Direct Thermal,110v Black Power Cord With U.S. Plug,Internal Rewinder,3.0in-1.5in Media Hub                                |
| I12-00-08400C07 | I-4212e                                                                                                                                                                                   |
| I12-00-08400L07 | I-4212e 4in-203DPI,12IPS Printer w graphic display,Datamax Kit,Direct Thermal,110v Black Power Cord With U.S. Plug,Internal Rewinder,Base Model w-Wired LAN,3.0in-1.5in Media Hub         |
| I12-00-08900007 | I-4212e 4in-203DPI,12IPS Printer w graphic display,Datamax Kit,Direct Thermal,110v Black Power Cord With U.S. Plug,Cast Peel and Present Option and Internal Rewind,3.0in-1.5in Media Hub |



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Safety and Productivity  
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