product specifications ▪ ▪ ▪

at a glance	I-4212e	I-4310	I-4606
Print width (max)	4.10" (104.1 mm)	4.16" (105.7 mm)	4.16" (105.7 mm)
Print length range*	0.25"- 99" (6.35 - 2514.6 mm)	0.25"- 99" (6.35 - 2514.6 mm)	0.25"- 55" (6.35 - 1397 mm)
Print speed	12 IPS (304 mm/s)	10 IPS (254 mm/s)	6 IPS (152 mm/s)
Resolution	203 DPI (8 dots/mm)	300 DPI (12 dots/mm)	600 DPI (24 dots/mm)
Memory (SDRAM / Flash)	32MB / 64MB	32MB / 64MB	32MB / 64MB

*Print length values vary with printer configuration

print technology ▪ ▪ ▪

- Printer type:
  » Direct thermal
  » Optional thermal transfer

physical characteristics ▪ ▪ ▪

- Dimensions:
  » 12.7" H x 12.62" W x 18.6" D (322.6mm H x 320.5mm W x 472.4mm D)
- Weight:
  » 45 lbs. (20.5kg)
- Operating temperature:
  » 32°F to 104°F (0°C to 40°C)
- Power source:
  » Auto-sensing 90-132 or 180-264 VAC @ 47-63Hz
- Construction:
  » Metal cabinet, clear side window to easily monitor media supply levels

integration ▪ ▪ ▪

- Communication ports:

Serial RS232	Standard
USB 2.0	Standard
Parallel Bi-directional	Standard
10/100 BaseT Ethernet	Optional
2 USB Host	Optional
W-LAN, 802.11 a/b/g	Optional
SDIO	Optional
GPIO	Optional

- Security Protocols:

	WEP	WPA	WPA2
Modes		PSK/Enterprise	
Security/Encryption	64/128	TKIP/RC4	CCMP/AES
Authentication	LEAP, EAP-PEAP, EAP-FAST, EAP-TTLS, EAP-LEAP, IPV4		

- Software
  » NETira CT - Complete printer set up utility
  » NETira LD - Label design software
  » Embedded Network web pages
  » Windows Drivers - NT, XP, Vista
- Firmware
  » Updates: available online
  » Auto Detect - DPL, PL-Z, or PL-I

accessories ▪ ▪ ▪

- External rewinder
- Media tray for cutter

barcodes/fonts/graphics ▪ ▪ ▪

- Barcodes:
  » Linear: Code 3 of 9, UPC-A, UPC-E, Interleaved 2 of 5, Industrial 2 of 5, Std 2 of 5, Code 11, Code 93, Code 128, EAN-8, EAN-13, HIBC, Codabar, Plessey, UPC 2 and 5 digit addendums, Postnet, UCC/EAN Code 128, Telepen, Planetcode, FIM, USPS-4 State
  » 2D Symbologies: MaxiCode, PDF417, USD-8, Datamatrix, QR Code, Codeablock, Code 16k, Aztec, TLC 39, Micro PDF417, GS1 Databar
- Resident fonts:
  » Ten alphanumeric fonts from 2.5 to 23 point size, including OCR-A, OCR-B, CG Triumvirate™ smooth font from AGFA®
  » Scalable Fonts: CG Triumvirate Bold Condensed, CG Triumvirate & CG Times with Cyrillic, Greek Arabic and Hebrew character support
- Downloadable font types:
  » True-Type, Bitmap
- Character set:
  » Over 50 resident character sets; Unicode/UTF8 support
- Font expansion/rotation:
  » All fonts expandable vertically and horizontally up to 24x; fonts and graphics can be printed in four directions: 0°, 90°, 180° and 270°s
- Graphics supported:
  » .PCX, .BMP and .IMG files
- Reversible field/mirror image
  » Any font or graphic field can be printed as a normal or reverse image

warranty ▪ ▪ ▪

- Printer: 1 year (including platen roller and installed options)
- Printhead: 1 year or 1,000,000 inches whichever comes first
- Contact sales representative for extended warranty options

*when used with approved supplies

media ▪ ▪ ▪

- Media type:
  » Roll-fed: 8.0" (203.2mm) O.D. on a 1.5"- 3.0" (38.1mm - 76.2mm) core
  » Fan-fold stock: accepted from rear of printer
  » Die-cut or continuous labels
  » Perforated or continuous tag/ticket stock
- Media width range:
  » 1.0" - 4.65" (25.4mm - 118.1mm)
- Minimum media length:
  » Tear-off and rewind modes: 0.25" (6.35mm)
  » Peel and cutter modes: 1.0" (25.4mm)
- Media thickness range:
  » 0.0025" - 0.01" (0.0635mm - 0.254mm)
- Media sensing:
  » "See through" for liner-backed die-cut labels and tags
  » Reflective sensor for black mark label media
- Label backfeed:
  » For use with optional cutter
- Ribbon:
  » Width range: 1.0"- 4.5" (25.4mm - 114.3mm)
  » Core: 1.0" (25.4mm)
  » Length: 1968' (600m)
  » Coated side in and coated side out

options ▪ ▪ ▪

- Thermal transfer
- Internal rewind
- Cast peel present and internal rewind
- Cutter (10 mil)
- ILPC (Hangul, Simplified Chinese, and Kanji)
- Ethernet-Wired, W-LAN 802.11 a/b/g with WPA2 security protocol
- 2 USB Host, SDIO
- Ethernet wired LAN 10/100
- GPIO applicator interface card

agency approval ▪ ▪ ▪

Contact sales for the most current list

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