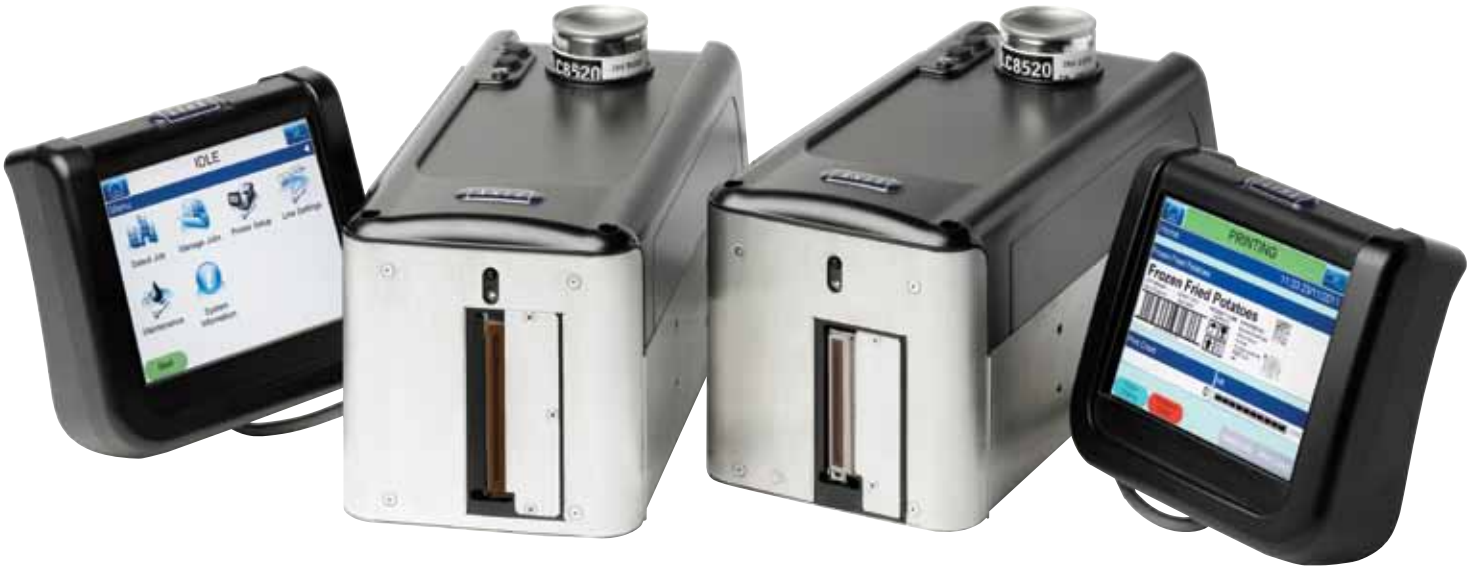
Linx IJ355 & IJ375



Are expensive labels, pre-printed boxes or wasted ink driving up your production costs?

The Linx IJ355 and IJ375 high definition printers represent the most efficient method to code cases. The cost of coding each case is greatly reduced, while line uptime and print quality are optimised.

The printers' innovative ReFRESH® system proactively maintains print quality while ensuring every drop of purged ink is recycled back into the printer, enabling you to code more and save more.

The robust nozzle protection system maintains the printhead in optimum condition, minimising production downtime and ensuring maximum reliability for your production line.

Reduce Production Costs

- Lowest running costs with the innovative ReFRESH system – ensures every drop of ink is used for printing
- ReFRESH operates automatically, reducing manual intervention which increases line uptime
- No expensive labels or ribbons to buy, no need for pre-printed boxes
- Instant change of message size and content – no more wasted labels and pre-printed boxes

Reliability and Quality

- Print quality maintained by the ReFRESH system
- Robust nozzle protection for optimum performance
- High resolution (180dpi) printing for sharp graphics and text

Easy to Use

- Colour touch screen interface with quick-glance status recognition
- WYSIWYG print preview and icon driven message selection
- Simple mess-free ink change whilst printing

Error-Free Coding

- Configurable message fields to prevent incorrectly entered data
- Controlled operator user levels for elimination of coding mistakes
- Trouble-free message creation with CLARiSOFT® software, allowing central control of code content
- Compatible with CLARiNET® networking and integration software for factory wide management.

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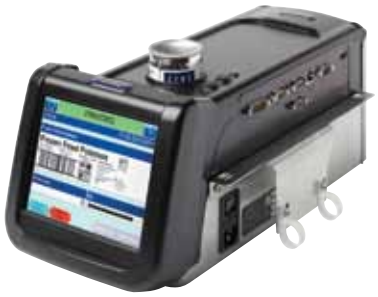
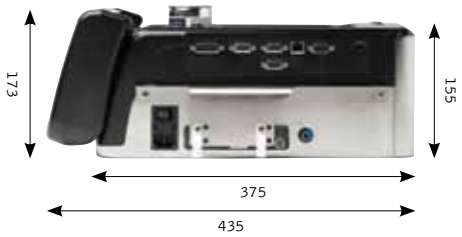
Linx IJ355 & IJ375

Dimensions (mm)



Side Elevation



IJ355 Front Elevation

IJ375 Front Elevation

Detachable Display Unit (DDU)

Performance

Printer	Linx IJ355	Linx IJ375
Patented ReFRESH system	•	•
Unique enclosed printhead	•	•
Detachable display unit	•	•
Printhead (180 dpi – 7 dots/mm)	53 mm (2.1″)	70 mm (2.8″)
Print area	53 mm (H) x 2000 mm (L) (2.1″ x 78″)	70 mm (H) x 2000 mm (L) (2.8″ x 78″)
Print speed at highest resolution (barcodes)	5.0 – 550 mm/s	5.0 – 550 mm/s
Print distance (distance from printer face)	0.5 – 5.0 mm	0.5 – 5.0 mm
Character height range	1.4 mm to 53 mm	1.4 mm to 70 mm
Cable length between printer and display unit	1 m (standard) 3 m (option)	1 m (standard) 3 m (option)
Printer orientation	Horizontal (printing onto vertical substrates)	Horizontal (printing onto vertical substrates)

Print speeds and throughput are resolution, substrate, application and set-up dependent

General features

- Full-colour LCD interface with WYSIWYG message display
- 6.5″ TFT VGA touch screen operator interface
- Automatic ink reclaim and recycling
- High visibility colour-coded status indicator
- Clear icons and simple option menu layout
- User-adjustable ReFRESH cycle frequency
- Message back-up to USB memory stick
- Printer setup and parameter cloning
- Simple ink refill with uninterrupted printing
- On-board system diagnostics with user-friendly guidance messages
- Off-line set up and parameter storage
- Multiple operator languages
- Job selection and database support as standard

Programming & printing facilities

- CLARiSOFT image design software
- Full downloadable font support for Windows® TrueType® (including multiple languages and Unicode support)
- Fixed, variable and merged text fields
- Link fields to databases
- Flexible date/time formats
- Formats for shift coding
- Field orientation 0°, 90°, 180°, 270°
- Mirror image printing, image rotation
- Real-time clock functions
- Auto best before date calculation and concession management
- Scaleable text including rotation, mirror and inverse printing
- Multiple graphic formats supported – any size up to maximum print area
- Image stitching supported
- Barcodes EAN 8, EAN 13, UPC-A, UPC-E Code 39, EAN 128, Code 128, ITF, Databar (RSS) (including 2D composite codes), PDF417, Data Matrix, QR Codes
- Text blocks
- Auto incrementing/decrementing text, counters and barcodes
- Basic shape drawing
- User configurable drop-down lists fields for maximum line flexibility
- 512 MB message store memory (CompactFlash® upgradeable)

Mounting options

Fully adjustable floor-mounted bracketry	•
Universal bracketry for integrating coder onto conveyor systems	○

Ink range

Pigmented oil-based inks, suitable for a wide range of porous materials	Linx Red ink LC8530 - Linx IJ355 only Linx Black ink LC8520 - Linx IJ355 and Linx IJ375 Suitable for secondary packaging

Connections/Interfacing for

External inputs	3 PNP inputs (print signal, line selection, print gating)
External outputs (fully software configurable)	1 relay output and 2 PNP +24 V outputs
RS232/422 point-to-point communications	•
Ethernet 10BASE-T/100BASE-TX network	•
USB memory stick support	•
Binary and ASCII comms protocols and Windows drivers	•
CLARiNET coder independent network management software	○
Host PC Mode (remote database) using CLARiNET	○
Master/slave unit – link up to four coders to a single controller and user interface	○
CODESOFT® and BarTender® label design software support	•
ZPL® emulation for label design programs	•

Physical characteristics

Printer	Stainless steel with high impact PC/ABS cover
Detachable display unit	High impact PC/ABS
Air supply (from a dry, uncontaminated 6 bar air supply)	IJ355: 3.5 bar (50.76 p.s.i.) IJ375: 4.5 bar (65.27 p.s.i.)
Power supply	100 V to 240 V, 50 Hz to 60 Hz, 1.5 A to 0.5 A
Power rating	50 W (average), 140 W (maximum)
Operating temperature range	0°C to +35°C*
Operating humidity range (non-condensing)	10% to 80%
Weight	5.6 kg

Regulatory approvals

CE	•
NRTL/FCC	•
GOST R	•
RoHS	•

Key • standard ○ option

Linx operates a policy of continuous product improvement and reserves the right to change the specification of products without notice.

* The printer must be left switched on at all times when printing in low temperature environments (0°C to +5°C). The recommended printer warm-up time at these temperatures is 30 minutes.

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