



PRINT JET

LINX SL3 LASER CODER



Affordable

- ✓ **Compact, complete laser coder in a single unit** that meets your coding needs at an affordable price
- ✓ **Operates without any consumables** to minimise your running costs.
- ✓ **Flexible user interface** options to control your laser.



Robust

- ✓ **IP54 stainless steel and anodised aluminium enclosure** to withstand your manufacturing environment.
- ✓ **Established and proven laser tube and marking head technology** provide reliability and confidence.
- ✓ **Operates without interconnections** improving laser reliability through eliminating possibilities of interconnection failure or damage.



Simple

- ✓ **Multiple mounting positions and orientations** support simple and compact installations.
- ✓ **Single unit installation** reduces production line space usage and installation time.
- ✓ **Easy and minimum maintenance** increases production time and reduces running costs

Affordable. Robust. Simple.

The Linx SL3 Laser Coder is affordable, enabled by a single laser coding unit with flexible configurations to meet your needs.

Simple to install and easy to maintain, the Linx SL3 provides an ideal marking solution onto a wide range of products.

With its IP54 rated enclosure and proven laser technology, the Linx SL3 operates reliably in manufacturing environments, maximizing production output.

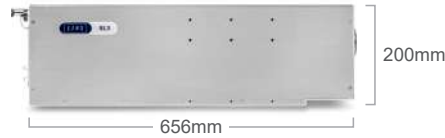
Code Economically. Code Efficiently.



TOP ELEVATION



SIDE ELEVATION



FRONT ELEVATION



Technical Specifications

LASER DETAILS

Laser type: sealed RF excited CO2
 Max. Nominal Laser output (10.6µm): 30W
 Laser wave length: 10.6µm (Standard), 9.3µm (PET), 10.2µm (Laminated Plastic, card)
 Laser tube warranty: 2 years

PERFORMANCE

Maximum Line Speed: 360 m/min *
 Maximum marking speed [2mm characters/s]: 1300 m/min *
 Number of lines of text: Only limited by character size and marking field size
 Character height: Up to marking field size
 Print rotation [°]: 0 to 360

LASER HEAD & LENS OPTIONS

Marking ellipse [mm]: 51 x 80; 76 x 120; 102 x 160
 Marking distance [mm]: 92; 141; 190
 Head mounting options: down (90°) or straight (0°)
 Pilot Laser: available as standard
 Focus Finder: available as standard

PHYSICAL CHARACTERISTICS

Mounting: On 3 sides of laser
 Material: Anodised aluminium base, stainless steel covers, anodised aluminium end-caps
 Conduit Length: Combined marking unit and supply unit; no conduit required
 User interface: Optional 10.1" colour LCD touch screen, stainless steel enclosure
 Protection Class: IP54
 Cooling: Internal Fan Cooling
 Supply voltage / frequency: 100 - 120 Volts or 200 - 240 Volts; 50/60Hz
 Size [mm]: 161 W x 200 H x 656 L
 Weight [kg]: 21

LINXVISION® SOFTWARE

Easy access operator toolbar: Date & time offset, variable text, rotate / flip / mirror / curve / scale message, adjust laser intensity
 Operating languages: Brazilian Portuguese, Chinese Simplified, Chinese Traditional, English, Japanese, Korean, Russian, Spanish, Thai, Vietnamese, Arabic.
 Password protection: Multiple protection levels and access rights (user defined)

CODING AND PROGRAMMING FACILITIES

Code options: Date, time, static text, variable text, serial numbers, shift codes, increment/ decrement (batch count), 1D/2D barcodes, graphics and logos, Julian date, Custom date and time formats, 2D codes including DotCode
 Linear, circular, angular, reverse, rotate.
 Character type: Vector fonts

Standard system vector fonts: OTF, TTF, PFA, PFB and SVG fonts

Optional customized fonts: Arabic, Bengali, Chinese, Japanese, Thai, Vietnamese

Bar codes: BC25, BC25I, BC39, BC39E, BC93, GSI-128, PZN, EAN 8, EAN 13, BC128, EAN 128, POSTNET, SCC14, UPC_A, UPC_E, RSS14TR, RSS14ST, RSS14STO, RSSLIM, RSSLIMGP, RSSEXP, IMB, PZN

2D Datamatrix codes: ECC000, ECC050, ECC080, ECC100, ECC140, ECC200, ECC PLAIN, QR, Aztec, DOTCODE, MICRO QR, PDF417

ENVIRONMENTAL DETAILS

Ambient operating temperature: 5 to 40°C (70% duty cycle at maximum temperature)
 Automatic overheat detection: yes
 Storage temperature: -10 to 70°C
 Humidity range: maximum of 90% (relative, non-condensing)

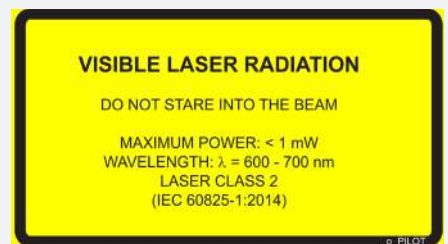
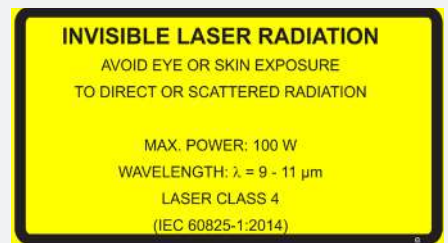
INTERFACING

Interface ports: 1 detector, 1 encoder, 1 safety connector combining interlock** and shutterlock**, 1 Ethernet RJ45, 1 LinxVision Touch Screen, 2 USB host (via optional user interface)
 Input/Output options: Job select input (PCBA direct connect via gland), Start / Stop input (IP54 connector), Marking output, Laser ready output, Ready to mark output, Shutter lock closed
 Shutterlock: available as standard**
 Interlock: available as standard**

**No performance level at standard. Additional optional safety box and components required to achieve a PL

REGULATORY APPROVALS

• CE • RoHS



*Line and marking speeds are application dependant



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