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.

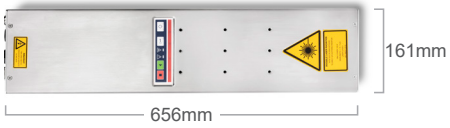
With its IP54 rated enclosure and proven laser technology, the Linx SL3 operates reliably in manufacturing environments, maximizing production output.

Code Economically. Code Efficiently.

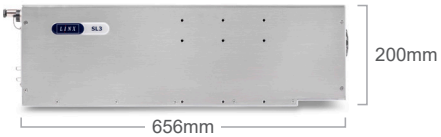
Linx SL3

CODE Economically Efficiently

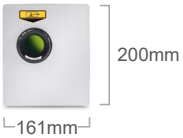
TOP ELEVATION



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)

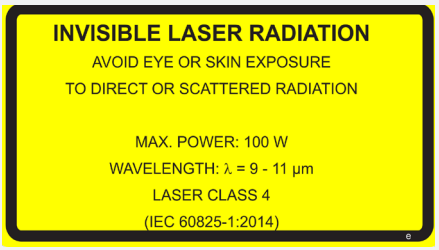
INTERFACING

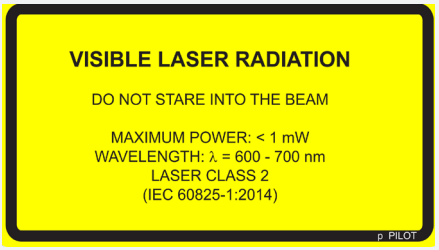
- Interface ports: 1 detector, 1 encoder, 1 safety connector combining interlock** and shutterlock**, 1 Ethernet RJ45, 1 LinxVision Touch Screen, 2 USB host (via optional user interface)
- Input/Output options: Job select input (PCBA direct connect via gland), Start / Stop input (IP54 connector), Marking 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