LIGHTER SUITE

DATALOGIC

LIGHTER Suite, the laser marking Software Suite for all DLA Laser Marking Products. Thanks to innovative Software functions and concepts, the LIGHTER Suite Suite represents an important step-a-head in the marking arena setting a new standard in term of ease integration and ease of use. LIGHTER Suite joins advanced editing features with laser setup, laser controls and diagnostic for complete, flexible and ease of use laser marking system control.

Advanced Editing Function

- Graphical Layout, to easy design any kind of label, logo, text, datamatrix, bar codes.
- Property browser concept for fast adjustment of all parameters
- Creates and edits text strings, shapes, Logos.
- Wide coding library for 1D and 2D code.
- Bitmap and vector import and export formats (DXF, DWG, PLT, AI, SVG, BMP, GIF, JPG, ...)
- Filling and hatching of objects and pattern structures with various styles.
- Grid array capabilities for IC marking
- Gray tones marking

Automation Capability

- 4 independent Mechanical Axis: : X, Y, Z and R
- User controlled general purpose Inputs and Outputs
- Built-in Marking On Fly (MOF) capability with MOF Wizard for easy and fast set-up
- Sequential programming through Sequence editor: different control objects to create automation jobs with few click
- STAND-ALONE and MASTER-SLAVE mode
  LIGHTER Suite allows OEMs and Machine builders to develop a complete, cost effective, Laser Marking Station, based on embedded hardware and software resources, (STAND ALONE mode) or to design an advanced Laser Marking Solutions able to control a complete machinery over a simple Ethernet connection with supervisor computer (MASTER-SLAVE mode).
- Full control both in local and remote mode via Laser Editor GUI:
  - Local/Remote laser configuration included MOF Wizard
  - Local/Remote laser diagnostic
  - Local/Remote I/O & axis control
  - Local/Remote Automation Project control

HIGHLIGHTS

SCRIPTING CAPABILITY AND ACTIVE X
Programmable Interface and protocols

- **LIGHTER** Suite is scriptable this means that it can be easily integrated with legacy systems through a wide range of combinations of transmission media, protocols and architectures

Scripting programmability
LIGHTER Suite Suite integrates the IDE (Integrated Development Environment) providing to the users a full set of tools to be used for extremely flexible customization; The progra ming language is ECMAScript std (also calledJavaScript). With Project Editor it is possible:

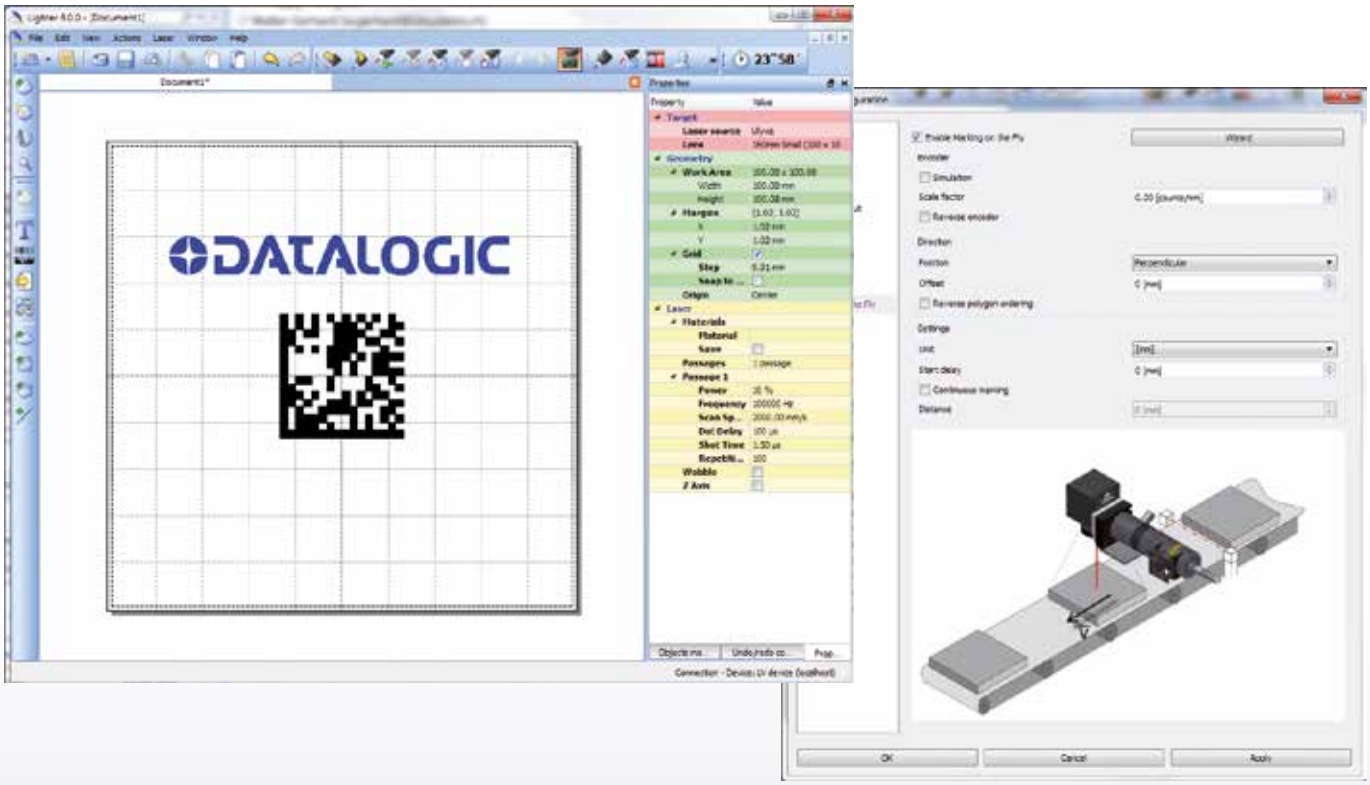
- control the marking process
- fully customize your layout,
- interact with users and with dedicated and custom GUI
- automate procedures and update the layout's contents at runtime
- IP ActiveX allows OEM integrators and end-users to create customized Applications and User Interfaces via Ethernet.
- RS232 and new Ethernet protocol: synchronized communication and reliable is fully guaranteed using Ethernet protocol.
- LIGHTER Suite Suite is included in the Standard Package of DLA Laser Marking products according the following product families:
- UNIQ
- AREX
- EOX
- VLASE
- ULYXE

New versions of Lighter Suite are released periodically, and you can upgrade from one version of Lighter to a newer version free of charge. You can find upgrading information in www.datalogic.com website

TECHNICAL DATA

User Interface	Interface Languages	English, Italian, German, Spanish, French, Polish, Japanese, Traditional Chinese, Simplified Chinese, Korean. For all other languages refer to Note1
	OS supported	Windows Vista, XP, Win 7 (32 + 64 bit), Win 8
	Access	Password protected user levels
Character type	Languages	all the world's languages are supported including all "non-Latin" languages
	Font	Original single line, True Type, Open Type, Type1, Type42
	Text	Fixed text, linear and radial text
Code type	Barcode	2to5, Code39, Code128, UPC, EAN (GS1 ready) and many more (refer to Note2)
	Stacked	PDF417, Code16K, RSS Family
	Matrixcode	Datamatrix, QRcode, microQR (refer to Note2)
Dynamic fields	Date and Time	Customizable date/time objects
	Counters	Up/down programmable counters
	Customizable code	Flexible and programmable fields (ex.shifts, batch code)
	Global variables	Global counters and text
Drawing capabilities	Logo image types	AI, PLT, DXF, DWG, BMP, JPG, TIF, GIF, PNG
	Draws	Vector optimization and graphical adjustments
	Filling	Single, cross, triple lines filling, advanced spiral and pocketing with Filling Marking preview editor
	Array	Grid array capabilities for IC marking
Automation	Mode	Stand-Alone, Master-Salve via Ethernet
	Scrip	Step and repeat with different control objects (Wait, Timer, ...)
	Mechanical Axis	Motion control for driving 4 external axis: x, y, z and Rotary axis
	Programmable Interface	ActiveX, Scrip, Sequence
	Communication protocols	Ethernet, RS232

Notes:
(1) Qt-Languist™ Tool Kit to a new language add
(2) Checking on website the complete code type list



Rev. 04, 05/2019