Editions - laserDESK V1.6.15

Functions	#118941 Standard Edition	#119036 Standard Edition + Remote Control	#119560 Premium Edition	#126177 Office-Edition*
Logging of RTC Commands - RTC list commands for executing the current job - RTC control commands for initializing and system setup	–	–	●	–
Standard Graphic Elements Point Line Rectangle Circle Arc Ellipse Polygon Spiral Font Text Variable Text (serial number, date) Barcode (1D, 2D) Bitmap	●	●	●	●
Complex Graphic Elements Graphics Path Vector Text Symbols	●	●	●	●
Graphic Import Vector graphics (ai, dxf, plt, svg) Pixel images (bmp, gif, jpg, png, pcx, tga, tif, twain)	●	●	●	●
Basic Control Elements Digital In- and Output Analog Output Pulse Output Timer Delay	●	●	●	●
Further Control Elements Variants Protocol Start, Protocol Stop	●	●	●	●
Advanced Control Elements Timer Start, Timer Stop Serial Communication Motor Control Z-Focus Control Laser Control Wait For Encoder Transformation	●	●	●	●
Premium Control Elements Ramping Vision System (only applicable with *SCAN* align)	–	-	●	●
Hatch Type GraphicPath Enables fill type 'Path'	●	●	●	●
Sort Hatch Lines Sorting functions for the vectors of an graphic object Optimizing the processing sequence	●	●	●	●

Feature				
User Administration Assignment of user groups and user rights	●	●	●	●
Language Selection Enables the selection of one of several languages (Chinese, English, German, Russian)	●	●	●	●
Graphic Options Options settings for editing graphics	●	●	●	●
GUI Options GUI options settings	●	●	●	●
Keyboard Shortcuts Assignment/determination of shortcuts	●	●	●	●
Measurement Functions Distance between two points	●	●	●	●
Alignment Functions Sequencing Aligning Distributing	●	●	●	●
Edit Elements Editing the elements / graphic objects in Graphic View	●	●	●	●
Contour and Combine Functions Union Intersect Exclusive or Exclude Connect Merge Round corner Offset	●	●	●	●
Layers Support and management of the layers	●	●	●	●
Repeat Functions Copying and aligning/distributing graphic elements	●	●	●	●
laserDESK Help F1 triggers help topics to be opened in a Browser window (context sensitive)	●	●	●	●
intelliSCAN Diagnosis Enables querying information about a used intelliSCAN head	●	●	●	**n.a.**
Special Laser Types Support of special laser types	●	●	●	**n.a.**
Skywriting Enables the execution of the RTC skywriting mode	●	●	●	●
UFPM - Ultra Fast Pixel Mode Bitmap processing up to 3.2 MHz - only applicable with RTC6 board -	●	●	●	●
Speed-dependent Laser Control - only with excelliSCAN or intelliSCAN scan head -	–	–	●	●
Manual Hardware Control RTC IOs Laser Scanner Motor control (axle drive)	●	●	●	**n.a.**

Feature				
Calibration Factor Wizard Enables a simple routine for determining the scan system calibration factors (based on linear scaling)	●	●	●	**n.a.**
Variable Polygon Calibration Wizard Enables a calibration routine to determine a customized polygon delay curve	●	●	●	**n.a.**
POF and POF Calibration Wizard Enables the usage of the RTC's POF option and a calibration routine to determine exact calibration factors for the processing-on-the-fly mechanism	●	●	●	**n.a.**
Parameter Wizard Helps to evaluate the best parameter set	●	●	●	**n.a.**
3D Calibration Wizard Creation of a complex, system specific correction file	●	●	●	**#**
Parameter Library Parameter data base User interface: Library Explorer	●	●	●	●
Import Text Enables the import of an (variable) external text file	●	●	●	●
Clipping Functions Several split modes	●	●	●	●
Pilot Laser Usage of an pilot laser	●	●	●	**n.a.**
Second Scanhead Control Enables the control of two scanheads if a multiple scan head system is used	●	●	●	**n.a.**
Remote Control A marking process can be selected and executed completely via remote control; direct access to the RTC IOs; via TCP/IP or RS232	–	●	●	●
3D Support Hardware Support of a varioSCAN dynamic focusing unit:				
- static (2.5D)	●	●	●	**n.a.**
- dynamic	–	–	●	**n.a.**
3D Support Software Creation of 3D objects Import of 3D files Inclined plane	–	–	●	●
STL-File Import Import of Standard Tessellation Language Files with slicing the contained 3D objects	–	–	●	●
Special Scan Head Support excelliSCAN (with SCANahead control) intelliWELD II (with zoom)	–	–	●	●

Feature				
Tiling Splitting functions for marking processes with dimensions larger than the marking field (in x-y), for marking on a roll and for processing-on-the-fly applications	–	–	●	●
Text Box Multi-line font text	–	–	●	●
***SCAN*align Integration** Direct integration of SCANLAB *SCAN*align vision system camera supported job execution (evaluation of image data)	–	–	●	O
Supported RTC Boards				
- RTC5	●	●	●	–
- RTC6	●	●	●	–
- RTC6 Ethernet	●	●	●	–
- RTC6 Ethernet Standalone support	●	●	●	–

*   Office Edition is executable without RTC board. It serves exclusively to create and store jobs. In this respect, it has the functional range of the Premium Edition.
Because it is not possible to address the hardware, jobs can not be executed though.

●   enabled

–   not enabled

\#   without access to laser scan system

O   limited use

n. a.   not applicable, because hardware is not addressable