


Teknisk data

	AIO P	AIO M	AIO G	AIO G+
Wavelength	1064 nm	1064 nm	532 nm	532 nm
Laser class				
Pulse rate	10 KHz - 100 KHz	10 KHz - 100 KHz	10 KHz - 100 KHz	1 KHz - 100 KHz
Pulse length	15 - 70 ns	7 - 35 ns	10 - 50 ns	2 - 10 ns
Beam quality	< 1.5	< 2	< 2	< 1.5
Electrical supply	24 V DC max 14 A (power supply optionally available)			
Cooling	Air-cooled by integrated thermostatic fan			
Weight	12 Kg Power supply (optional) 1,3 Kg			
Hardware interfaces	USB, Ethernet, 3 stepper motor axes, galvanically isolated interfaces (I/O's, USB, Ethernet), two safe inputs up to PL e (Cat. 4) according to ISO 13849-1			
Software interfaces	VBScript, ActiveX			
Software	XS Designer			
Operating system	Win XP, Win 7, Win 8, Win 10			
Character sets	Type: TrueType Fonts (filled and unfilled), Single Line Fonts, PostScript Fonts Orientation: freely rotatable Character spacing: freely selectable Circular arc writing: freely scaleable and adjustable			
Graphic	Elements: lines, rectangles, circles (filled and unfilled), spline function Graphic import: vector (HPGL/PLT), bitmap (BMP, JPG, GIF)			
Codes	Codes: Code 2/5, Code 3/9, Code 128, EAN 8/13, UPC 2D Codes: DataMatrix, PDF 417, QR-Code, Code 16K DXF-Type More than 60 different 1D and 2D codes in total			
Further features	Flexible serial numbers, date and time functions Freely programmable script interface for processing variable data from subroutines Text and data transfer from databases (ODBC) Excel tables TCP/IP client User-defined masks Extensive program help and function			
Options	Programmable X-, Y-, Z-, rotary axis (up to 3 possible) Additional laser diode as optical focusing aid Extraction systems, Profinet / ProfiBus, AS-i Master integrated Remote control via external command box (e.g. start/stop, emergency stop)			

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