

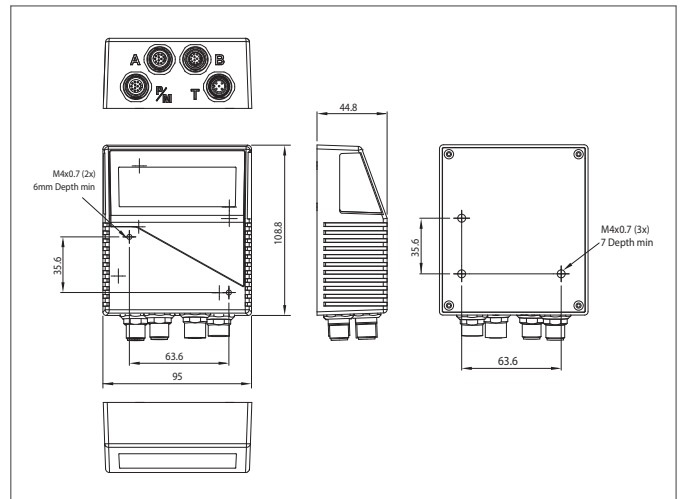
ID-03-LR-1-ES Laser-Scanner

- Up to 1.400 scans per second
- Reading distance 25 to 762 mm
- X-Mode Technology
- High protection class



Safety instructions

Inproper use may result in hazardous radiation exposure. Pay attention to accident prevention rules and laser class. The instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments. These instruments shall exclusively be used by qualified personnel.



TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
Size	109 x 95 x 45 mm (Dimensions)
Emitted light	Red light laser, 655 nm
Laser class	2 (IEC 60825-1)
Service voltage	10 ... 28 V DC
Internal power consumption	270 mA, (24 V DC)
Trigger input	4,5 ... 28 V DC, 13 mA (24 V DC)
Outputs 1, 2 and 3	5,1 ... 28 V DC, <100 mA at 24 V DC (current limited by user)
Interface	Ethernet, RS 232, RS 422, RS 485
Laser power	100 µW
Ambient temperature	0 ... +50 °C
Protection class	IP 65
Connection	Ethernet M12, 8-poled, I/O-Cable M12, 12-poled, Trigger input M12, 4-poled
Label contrast	25% min. (655 nm)
Symbologies - 1D-Codes	Code 39, Code 93, Code 128, Interleaved 2 of 5, GS1 Databar Applikations standards: UCC / EAN-128, AIAG, UPC, Codabar, Pharmacode
Symbologies - Stacked codes	PDF 417, Micro PDF 417
Protocols	Point-to-Point, Point-to-Point w/RTS/CTS, Point-to-Point w/XON/XOFF, Point-to-Point w/RTS/CTS & XON/XOFF, TCP / IP, Ethernet / IP
Weight	453 g
Scanning	Raster-Line
optical density	Low

ID-03-LR-1-ES
Laser-Scanner



TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
Reading speed	300 ... 1.400 scans / s (adjustable)
Position scanner to code	Tilt >60°, Pitch \pm 50°, Skew \pm 40°