

IDM160-300S USB Kit Art. No. 308850



- Barcode scanner for safe areas (non-Ex)
- Wired or wireless Bluetooth scanners
- 1D / 2D barcodes, stacked codes
- Compatible with R. STAHL's MANTA HMI device platform

MY R. STAHL IDMA

R. STAHL's IDM16x and IDM26x barcode scanners have been developed for safe production areas. Depending on the scanner, all common 1D / 2D barcodes and stacked codes can be read. The reading process is confirmed acoustically with a beep, visually with LED and with vibration. These HMI devices have been designed to fully meet industrial requirements: their compact enclosure with IP65 is extremely robust – it can withstand up to 50 drops onto concrete from a height of 2 m. The wired scanners support all common cable interfaces, and, when required, the cables can be replaced without the need for any tools. The wireless Bluetooth scanners transmit all data via Bluetooth.

Technical Data

General	
Special version	wired handheld scanner
Version	One-dimensional imager scanner
Barcode types	1D barcode
WebCode	IDMA
Explosion Protection	
Ex version	No
Application range (zones)	None ex
Electrical Data	
DC rated operational voltage	5 V
Power consumption DC	Operating: 180mA Standby: 80mA
Interfaces	Interface support: USB
Light source	Visible red light (630 nm)
Scan frequency	≤ 500 Hz
Reader distance	20 ... 850 mm
Code resolution	approx. ≥ 0.076 mm (depending on code)
Status LED	optical: 2x LED (operating status / read confirmation) acoustic: beeper (can be switched off) vibration
Ambient Conditions	
Storage temperature	-30°C ... +70°C
Relative humidity	±95 % , non-condensing
Shock resistance	50 drops from a height of 2 m onto a concrete surface

Operating and Monitoring Systems

Barcode scanner SERIES IDM



IDM160-300S USB Kit Art. No. 308850

Mechanical Data

Front enclosure protection type (IP)	IP65
Rear enclosure protection type (IP)	IP65
Enclosure material	Plastic
Dimensions (WxHxD)	104 mm x 185 mm x 76 mm
Ingress protection	IP65
Weight	2.2 lb

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.