

IDM161-300S Art. No. 309728



- 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

WebCode IDMA

R. STAHL's 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	Bluetooth wireless scanner
Version	One-dimensional imager scanner
Barcode types	1D barcode
Base loading station	IDMx64-BT-Base NonEx
WebCode	IDMA
Technology	Bluetooth, wireless

Explosion Protection

Ex version	No
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Electrical Data

Rated operational voltage DC	3.6 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

Auxiliary Power

Power supply	Via battery
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Ambient Conditions

Ambient temperature °C	-20°C ... +50°C
Storage temperature °C	-30°C ... +70°C

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Ambient Conditions

Relative humidity	±95 % , non-condensing
Shock resistance	50 drops from a height of 2 m onto a concrete surface

Mechanical Data

Front enclosure protection type (IP)	IP65
Rear enclosure protection type (IP)	IP65
Enclosure material	Plastic
Width	104 mm
Height	185 mm
Depth	76 mm
Dimensions (WxHxD)	104 mm x 185 mm x 76 mm
Degree of protection (IP)	IP65
Weight	0.26 kg
Weight	0.57 lb

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