Peripheral Devices – IDM Barcode Scanner Ex

STAHL

- Certified acc. to ATEX and IECEx for hazardous Zones 1, 2, 21, 22
- Wired or wireless Bluetooth scanners
- 1D / 2D barcodes, stacked codes
- Scanner compatible with R. STAHL's SHARK, MANTA, EAGLE and RAPTOR HMI device platforms

MY R. STAHL IDMEXA

R. STAHL's IDM barcode scanners are ATEX and IECEx certified for hazardous zones 1, 2, 21 and 22. 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. The explosion-protected HMI devices are all-round designed to 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.

	IECEx / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table

Special version	Bluetooth wireless scanner				
Product Type	**Version**	**Barcode types**	**Base loading station**	**Art. No.**	**Weight**
IDM164-BT-Z1	Linear imager scanner	one-dimensional 1D (barcode and stacked code)	IDMx64-BT-Base-Z1 IDMx64-BT-Base (Non-Ex)	310743	260 g
IDM264-BT-Z1	two-dimensional imager scanner	one- and two-dimensional 1D and 2D (barcode and stacked code) (PDF417)	IDMx64-BT-Base-Z1 IDMx64-BT-Base (Non-Ex)	310745	200 g
Special version	wired handheld scanner				
Product Type	**Version**	**Barcode types**	**Base loading station**	**Art. No.**	**Weight**
IDM164-Z1	Linear imager scanner	one-dimensional 1D (barcode and stacked code)	–	310742	200 g
IDM264-Z1	two-dimensional imager scanner	one- and two-dimensional 1D and 2D (barcode and stacked code)	–	310744	200 g

Technical Data

Variant		
Electrical Data		
Light source	Visible red light, 630nm	Visible red light, 630nm
Ambient Conditions		
Shock resistance	50 drops from a height of 2 m onto a concrete surface	50 drops from a height of 2 m onto a concrete surface
Mechanical Data		
Dimensions (WxHxD)	104 mm x 185 mm x 76 mm	104 mm x 185 mm x 76 mm

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The Technical Data only apply to the IDMx6x scanner versions. All data for the IDM26x scanner versions and the supplementary data for the wireless scanners can be found online at r-stahl.com or in the data sheets.

Accessories

Figure	Description	Art. No.	Weight
Adapter Cable			
	VB-IDMx6x-SOCKET-RS232-0.5m Adapter cable for IDMx6x scanner, display xx8 <--> IDMx6x connection cable, open ends to binder coupling for interface RSi-232 (xx8), cable length: 0.5 m straight	254452	200 g
Connection Cable			
	VB-IDM160-RS232-SR-1.8m Connection cable for IDM160, connection to ReaderBox or SHARK xx8-RSi, interface RS-232, Ex i 5.6 V cable length 1.8 m, straight, Binder plug	224085	200 g
	VB-IDM160-RS232-SR-3.6m Connection cable for IDM160, connection to ReaderBox or SHARK xx8-RSi,interface RS-232, Ex i 5.6 V cable length 3.6 m, coiled, Binder plug	224086	300 g
	VB-IDMx60-RS232-1.8m Connection cable for IDM160 / IDM260, connection to VM125-ex-*, interface RS-232, Ex i 5.6 V, cable length 1.8 m, straight, Binder plug	224081	200 g
	VB-IDMx60-RS232-3.6m Connection cable for IDM160 / IDM260, connection to VM125-ex-*, interface RS-232, Ex i 5.6 V, cable length 3.6 m, coiled, Binder plug	224082	300 g
	VB-IDMx60-USB-1.8m Connection cable for IDM160, connection to VM125-ex-*, interface USB, Ex i 5.6 V, cable length 1.8 m, straight, Binder plug	224083	200 g
	VB-IDMx60-USB-3.6m Connection cable for IDM160, connection to VM125-ex-*, interface USB, Ex i 5.6 V, cable length 3.6 m, coiled, Binder plug	224084	300 g
	VB-IDMx6x-Base-RS232-SR-1.8m-Z1 Connection cable for base loading station IDM*-Z1, connection to ReaderBox or SHARK xx8-RSi, interface RS-232, Ex i 5.6 V, cable length 1.8 m, straight, Binder plug	224102	200 g
	VB-IDMx6x-Base-RS232-SR-3.6m-Z1 Connection cable for base loading station IDM*-Z1, connection to ReaderBox or SHARK xx8-RSi, interface RS-232, Ex i 5.6 V, cable length 3.6 m, coiled, Binder plug	224103	300 g
	VB-IDMx6x-Base-VM-RS232-1.8m-Z1 Connection cable for base loading station IDM*-Z1, connection to VM125-ex-*, interface RS-232, Ex i 5.6 V, cable length 1.8 m, straight, Binder plug	224100	200 g
	VB-IDMx6x-Base-VM-RS232-3.6m-Z1 Connection cable for base loading station IDM*-Z1, connection to VM125-ex-*, interface RS-232, Ex i 5.6 V, cable length 3.6 m, coiled, Binder plug	224101	300 g
	VB-IDMx6x-Base-VM-USB-1.8m-Z1 Connection cable for base loading station IDM*-Z1, connection to VM125-ex-*, interface USB, Ex i 5.6 V, cable length 1.8 m, straight, Binder plug	224104	200 g
	VB-IDMx6x-Base-VM-USB-3.6m-Z1 Connection cable for base loading station IDM*-Z1, connection to VM125-ex-*, interface USB, Ex i 5.6 V, cable length 3.6 m, coiled, Binder plug	224105	300 g
Connection Cable Extension			
	VB-IDMx6x-EXT-6m-Z1 Extension cable for IDMx6x zone 1, cable length: 6 m, straight	224108	500 g
Power supply			
	DSP-IDMx6x-DC5V Power supply for non-ex base loading station	224095	214 g
Tripod			
	IDMx6x-tripod Tripod for IDMx6x, material: ABS (acrylonitrile-butadiene-styrene)	224106	-