ORION

RFID Reader Industry
Desktop

PART ID:
4011

The ORION 4011 Industrial USB LF Desktop is used by endusers and system integrators in connection with laptops, tablet PCs and desktop PCs in the workshop or at desk in the industrial environment and in the field to read and write RFID TAGs. The device supports most common LF 125 kHz and 134 kHz standard TAGs.



Main Specifications

Frequencies	**LF** HF UHF
Material	ABS
Operating Temperature	-20°C to 65°C
IP Class	IP40
Compliance	RoHs & Reach, CE
Key Features	Desktop Housing, Simple ASCII Protocol, Incl. Demo Tools

Full Specifications

Product ID	4011
Name	ORION
Material	ABS
Shape	Short Range
Long Description	The ORION 4011 Industrial USB LF Desktop is used by endusers and system integrators in connection with laptops, tablet PCs and desktop PCs in the workshop or at desk in the industrial environment and in the field to read and write RFID TAGs. The device supports most common LF 125 kHz and 134 kHz standard TAGs.
Key Features	Desktop Housing, Simple ASCII Protocol, Incl. Demo Tools
Main Use	Desktop Reader
Article Type	Desktop
Color	Grey
Length [mm]	146
Width [mm]	75
Thickness [mm]	34
Weight [g]	260
IP Class	IP40
PCB Material	FR4

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Where application information is given, it is only advisory and does not form part of the specification.

TECTUS Technology GmbH | Lustheide 85 | D-51427 Bergisch Gladbach | Phone: +49 (0) 22 04 976 88 0 | Fax: +49 (0) 22 04 976 88 10

Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Compliance	RoHs & Reach, CE
Read / Read Write	Read&Write
Typical Reading Range	50mm
Supported Standards / Tags	EM4200, FDX-B, HDX, Hitag1/2/S, 5577, EM4305,EM4450
Operating Temp °C (min)	-20
Operating Temp °C (max)	65
Storage Temp °C (min)	-20
Storage Temp °C (max)	65
Power Supply	USB
Battery Type	None
Battery Capacity	None
Operating Frequency	LF
Frequency Range	125 - 134 kHz
Current Consumption	100mA
Interfaces Physical	USB
Interfaces Protocol	ASCII
Transfer rate [Baud]	9600
Antenna Ports	1
Antenna int.	1
Firmware Update User	yes
Integrated RFID Reader	LF
Development Tools	API/Demo/Source
Mounting Method	Desktop

VARIANTS

ID	Variant
4011-01-000-00	LF USB Reader HDX

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