ORION

RFID Reader Industry
Desktop

PART ID:
4010

The ORION 4010 Industrial USB LF RFID Handgrip Reader /Writer 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	TPE with PU Potting
Operating Temperature	-20°C to 65°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Rough Environment, Durable Housing, ASK/FSK Modulation, Incl. Demo Tools

Full Specifications

Product ID	4010
Name	ORION
Material	TPE with PU Potting
Shape	Short Range
Long Description	The ORION 4010 Industrial USB LF RFID Handgrip Reader /Writer 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	Rough Environment, Durable Housing, ASK/FSK Modulation, Incl. Demo Tools
Article Type	Desktop
Color	Black
Length [mm]	160
Thickness [mm]	50
Weight [g]	300
IP Class	IP68

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

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PCB Material	FR4
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Compliance	RoHs & Reach, CE
Read / Read Write	Read&Write
Typical Reading Range	80mm
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
Power over Ethernet [PoE]	None
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	Handgrip

VARIANTS

ID	Variant
4010-01-000-00	LF Handgrip Read/Write

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