

# ORION

## RFID Reader Industry Desktop

**PART ID:**  
**4018**

The ORION 4018 desktop reader are price sensitive read systems which are in all standard RFID technologies available. Further the ORION 4018 desktop reader can be used as an keyboard emulation (simply plug into your computer, no drivers are necessary) or a virtual comport with full access to the transponder.

### Main Specifications

Frequencies	<b>LF HF UHF</b>
Material	ABS
Operating Temperature	-25°C to 80°C
IP Class	IP40
Compliance	RoHs & Reach, CE
Key Features	HID/CDC Interface, Desktop Housing, Plug-and-Play



### Full Specifications

Product ID	4018
Name	ORION
Material	ABS
Shape	SINGLE Frequency
Long Description	The ORION 4018 desktop reader are price sensitive read systems which are in all standard RFID technologies available. Further the ORION 4018 desktop reader can be used as an keyboard emulation (simply plug into your computer, no drivers are necessary) or a virtual comport with full access to the transponder.
Key Features	HID/CDC Interface, Desktop Housing, Plug-and-Play
Main Use	Desktop Reader
Article Type	Desktop
Color	Black
Length [mm]	108
Width [mm]	65
Thickness [mm]	18
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.

Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Compliance	RoHs & Reach, CE
Read / Read Write	Read&Write
Typical Reading Range	100
Supported Standards / Tags	ISO 14443, 15693
MTBF [h]	500000
Humidity %	95
Operating Temp °C (min)	-25
Operating Temp °C (max)	80
Storage Temp °C (min)	-25
Storage Temp °C (max)	80
Power Supply	USB
Battery Type	None
Battery Capacity	None
Operating Frequency	HF
Frequency Range	13.56MHz
Power over Ethernet [PoE]	None
Interfaces Physical	USB
Antenna int.	1
Connection	USB
Status [Display,LED]	2 LED
Customized Programming	Yes
Integrated RFID Reader	HF
Development Tools	None
Mounting Method	Desktop

## VARIANTS

ID	Variant
4018-01-000-00	HF Read/Write