MultiPEN

RFID Reader Industry
PEN

PART ID:
4027

The MultiPEN is an innovative RFID/NFC handheld reader that enables UIDs of passive RFID TAGs to be read with different frequency range combinations. The MultiPEN makes it possible to transfer read UIDs via Bluetooth to a host computer (tablet, laptop or smartphone). The read UIDs can also be transferred / read into the database of the device memory and transferred to the host computer later via Bluetooth or USB connection. Since a real-time clock is integrated, date and time can be automatically assigned to the read UID. The MultiPEN makes it easier for users to work and makes RFID/NFC applications in maintenance, inventory, guard control systems and logistics processes efficient due to its simple handling. RFID/NFC TAGs that are mounted close to each other or in places that are difficult to access can be easily identified due to the small size of the MultiPEN's reading tip



Main Specifications

Frequencies	**LF** HF UHF
Material	Polyamid
Operating Temperature	-20°C to 60°C
IP Class	IP54
Compliance	RoHs & Reach, CE
Key Features	HID/SPP BT Interface, Real-Time Clock, OLED Display, Vibration Feedback

Full Specifications

Product ID	4027
Name	MultiPEN
Material	Polyamid
Shape	SINGLE Frequency
Long Description	The MultiPEN is an innovative RFID/NFC handheld reader that enables UIDs of passive RFID TAGs to be read with different frequency range combinations. The MultiPEN makes it possible to transfer read UIDs via Bluetooth to a host computer (tablet, laptop or smartphone). The read UIDs can also be transferred / read into the database of the device memory and transferred to the host computer later via Bluetooth or USB connection. Since a real-time clock is integrated, date and time can be automatically assigned to the read UID. The MultiPEN makes it easier for users to work and makes

© TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use
of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility.
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

	RFID/NFC applications in maintenance, inventory, guard control systems and logistics processes efficient due to its simple handling. RFID/NFC TAGs that are mounted close to each other or in places that are difficult to access can be easily identified due to the small size of the MultiPEN's reading tip
Key Features	HID/SPP BT Interface, Real-Time Clock, OLED Display, Vibration Feedback
Comments	Including Case And Accessories
Article Type	PEN
Color	Black, Blue
Length [mm]	190
Width [mm]	30
Thickness [mm]	35
Weight [g]	125
Anticollision	yes
IP Class	IP54
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	1...3
Supported Standards / Tags	all
Operating Temp °C (min)	-20
Operating Temp °C (max)	60
Storage Temp °C (min)	1
Storage Temp °C (max)	60
Power Supply	USB
Battery Type	NiMH
Battery Capacity	2000 mAh
Operating Frequency	LF
Frequency Range	125 - 134 kHz
Power over Ethernet [PoE]	No
Interfaces Physical	USB/Bluetooth
Interfaces Protocol	ASCII
Transfer rate [Baud]	9600
Antenna int.	1
Memory Capacity	1000 UID
Display	OLED
Development Tools	SDK
Accessories	yes

VARIANTS

ID	Variant
4027-01-000-01	LF Read/Write

© TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use
of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility.
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

© TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use
of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility.
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