



RFID Division

Hardware | Reader
RFID Reader
Series HF20

RFID Reader USB

13.56 MHz



Ready
for
RFID ?

* Radio Frequency Identification

- ISO 15693, I-Code™, EPC-capable
- USB 2.0 interface
- Power over USB
- Windows XP™ driver
- Hot plug-in
- ASCII protocol



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Whether for recording specimen holders in laboratory analysis, for registering persons or objects, in e-payment or just for better organization of your document flow, the HF20 USB Desktop Reader is an enduring solution to simpler control mechanisms.

This reader offers a practical, effective and downright cost-attractive means of adding RFID capability to a PC. Fast and fuss-free, the PC is able to communicate with transponders and exchange data.

No need of extensive hardware extras – just start your PC, connect the HF20 USB Desktop Reader on the USB 2.0 interface,

and the system is ready to go. When no longer needed, the reader can be put away in a drawer.

A driver for Windows XP™ simplifies system integration. The Easy Test software supplied with the reader makes configuration straightforward and speedy. The reader can work with the following transponders:

- ISO 15693
- I-Code™
- EPC

I-Code is a registered trademark of Philips.
Windows XP is a registered trademark of Microsoft.

Applications:

- Dokument Management
- Personal-ID at PC
- Registry Station
- E-Payment
- Product Infoterminal

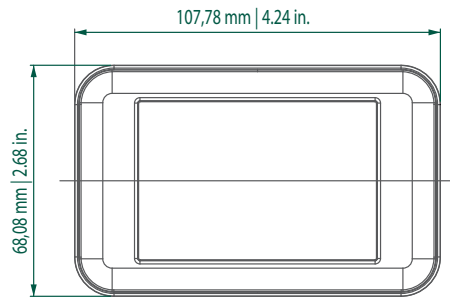
Part number

THG-U1M-0C18-SM-0000	Integrated antenna
THG-U1M-1C18-SM-0000	External antenna

Specification

Antenna	Frame antenna
Voltage	5 +/- V (from USB)
Current consumption active mode	90 mA
Current consumption passive mode	40 mA
Interface	serial interface, 19200 Bd
Storage temperature	-40°C to 85°C -40°F to 185°F
Operating temperature	-25°C to 70°C -13°F to 158°F
HF output	250 mW
Impedance	50 Ohm
Dimensions	68 x 108 x 22 mm 2.7 x 4.3 x 0.9 in.

Example of an external antenna



USB Reader

antenna extension

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