Add Plug-in RFID Capabilities to Pocket PC Applications

Now add high frequency RFID capabilities to your mobile data collection application with Socket’s CompactFlash RFID Reader Card. This product reads and writes to all ISO 15693 and many proprietary 13.56 MHz RFID tags being used or deployed for asset tracking, access control, process control and healthcare/medical/pharmaceutical applications.

Like all of Socket’s bar code scanning products, the RFID Reader Card is supported by SocketScan™ keyboard wedge software, which sends the RFID tag ID and/or data from selected memory blocks to any Windows applications as virtual keystrokes — no custom programming needed! A small RFID Demo application allows manual writing to the accessible memory blocks for demonstration purposes.

For developers who wish to embed control of the RFID Reader’s read/write functionality into their applications, an SDK is available from Socket at: www.socketcom.com/embedded/socketscan.asp

Mobility Friendly™ Means Low Power
As with all of our products, Socket designed the Mobility Friendly CF RFID Reader Card to use minimal power. Drawing only 11 mA (36 mW) in idle mode, the CF RFID Reader Card will operate for hours without requiring you to recharge the batteries in your Pocket PC.

This Battery Friendly solution draws only a few milliamps of current in standby mode, extending the battery life of your Pocket PC.

Use the reader for applications such as security identification and patient tracking.
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Socket
RFID Reader Card
Series 6

SKU# RF5400-542

SPECIFICATIONS:

Physical Characteristics

CompactFlash Card Size:
1.43 x 1.68 x 0.20 inches
(36 x 42.7 x 5.0 mm)

Weight: 1.1 oz. (34 g)

Scanner Head Size:
1.76 x 1.93 x 0.82 inches
(45 x 49 x 21 mm)

Power Consumption (3.3 V):
Idle: 11 mA
Read/Write: 52 mA
Also operates at 5 V

Environmental:
Operating Temperature:
-10 to +50°C (-4 to +122°F)

Storage Temperature:
-40 to +70°C (-40 to +158°F)

Humidity: 5-95% RH non-condensing

Frequency: 13.56 MHz (HF)

Maximum Read Range:
Approx. 2.0 inches (5.1 cm),
depending on tag antenna size

Compatibility: Windows COM port

HF RFID Tags Supported

ISO15693:
- ICode SLI/SL2
- LRI512
- my-d
- Tag-It HF-I

Proprietary
- ICode 1
- PicoTag
- Tag-It HF

SocketScan lets you configure this product to read the tag ID, data from selected memory blocks or both into any Windows program.

SocketScan enters the tag ID and/or data from selected memory blocks directly into any Windows program as if it were manually typed.

ADDITIONAL PRODUCT INFORMATION:

Website: www.socketcom.com

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