ACR1222L USB with LCD

The ACR1222L USB desktop reader with LCD is an NFC contactless smartcard reader that has been developed based on the 13.56 MHz Contactless (RFID) Technology and the ISO/IEC 18092 Standard for Near Field Communication (NFC), supporting both NFC and Felica contactless technologies as well as MIFARE and ISO 14443 Type A and B cards. The ACR1222L is a USB Plug and Play device which allows interoperability with various different devices and applications.

The reader comes with 4 LEDs, a buzzer and a 2-line graphic LCD for rich user interaction. The ACR1222L is also equipped with 3 internal ISO 7816 SAM slots for secure NFC and contactless operations.

The operating distance is 5 cm depending on the type of contactless card or tag in use.

Equipped with a removable, heavy-based desktop stand, the ACR1222L is ideal for various NFC and contactless applications such as e-payment, e-ticketing, point-of-sale and embedded systems.

Supports all 3 NFC modes (reader, card emulation and peer-to-peer) and all 4 types of NFC cards and tags.

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The ACR1222L is compatible with Read-a-Card, the contactless card ID reading application, useful for the integration of RFID technology into new or existing systems.

The ACR1222L NFC contactless reader with USB interface, LCD and 3 SAM slots. Ideal for various NFC application where a display is required, such as point-of-sale and embedded systems.

To buy, visit:
https://www.smartcardfocus.com/shop/ilp/id~568/p/index.shtml

This Product Briefing has been produced by Dot Origin Ltd, the smart card experts behind SmartcardFocus.com. If you have a query email sales@smartcardfocus.com or call us on +44 (0)1428 685250.

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ACR1222L USB with LCD and stand

Technical Specifications:

Host Interface: USB 2.0 (Full speed, 12 Mbps)

Contactless Smartcard Interface:

Standard: MIFARE, ISO14443-4 Type A&B, FeliCa, ISO/IEC 18092 NFC;

Operating Frequency: 13.56 MHz; Smartcard read/write speed: 106, 212, 424 kbps

SAM Card Interface:

Standard: ISO7816; Protocol: T=0; T=1 protocol;

Operating Frequency: 4MHz; Smart card read/write speed: 9.6 kbps to 344 kbps

Physical Specifications:

Dimensions: 158 mm (L) x 95 mm (W) x 95 mm (H);

Weight: 600g; Colour: black;

Operating distance: up to 50 mm (depending on tag type)

Built-in Peripherals:

User controllable bi-colour LED: 4 LEDs (green, blue, yellow and red);

Buzzer: Monotone

Operating conditions:

Temperature: 0-50C;

Humidity: 10%-80%

Cable Connector: Length: 1.5m

Certifications/Compliance: CE, FCC, VCCI (Japan), RoHS Compliant

Operating System Support: Windows, Linux, Mac OS, Android 3.1 and later

Manufacturer's part number: ACR1222L-D1

Country of origin: China

HSF code: 84719000

Manufacturer: ACS

Connection Method: USB

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