

# ACR 128



ACR 128 is a PC- linked contactless RFID smart card reader/ writer compliant with ISO/ IEC 18092 standard for Near Field Communication (NFC). It supports MIFARE® 14443 type A and type B smart cards as well as all four types of NFC tags.

ACR 128 is both CCID and PC/SC compliant and is one of the most used devices for NFC with read/write speed up to 848 kbps and a card operating distance of 50mm. It is a plug-and-play USB device and gives an extremely user- friendly interface, with an upgradable firm ware.

This contactless smart card reader is ideal for various applications such as e- banking, network security, access control, loyalty applications, etc.

## TECH SPECS

Dimensions	120.5 mm (L) x 72 mm (W) x 20.4 mm (H)
Weight	150g
Interface	USB 2.0 Full Speed
Operating Distance	Up to 50 mm (depends on the tag type)
Supply Voltage	Regulated 5 V DC
Supply Current	200mA (max); 100mA (normal)
Operating Temperature	0-50°C
Humidity	10 - 80 %
Operating Frequency	13.56MHz
Smart Card Interface Support	ISO14443 T=CL for ISO 14443 A & B Parts 1-4 compliant cards and T=CL Emulation for MIFARE® series, NFC reader mode
	Extended APDU support
	Memory card support is made upon request

Compliance / Certifications	Germany nPA certified, PC/SC, CCID, CE, FCC, RoHS Compliant, Microsoft WHQL: 2000, XP, Vista, 7
Operating System Support	Win 2000, Win 2003, Win 2003 R2, Win XP, Win Vista, Win 2008, Win 7
	Win 2003 x64, Win XP x64, Win Vista x64, Win 2008 x64, Win 2008 R2 x64, Win 7 x64
	Mac
	Linux
	Android™ 3.1 and above