

ISO/IEC 14443 CONTACTLESS READER/WRIter [SERIAL]

CSB-4S is a versatile contactless coupler; it reads and writes Philips MIFARE and DESFire leading products as well as any T=CL compliant card or RFID tag from any other manufacturer.

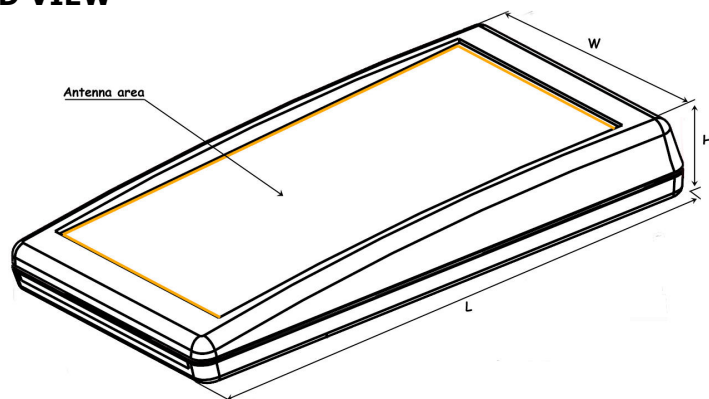
CSB-4S' robust "PC bone" encasing makes it perfect for any desktop or indoor application.

CSB-4S comes with sample applications for Windows (*no driver required*). SpringProx API -available through SDK- makes it easy to develop PC based applications using ISO/IEC 14443 proximity smartcards.

SPECIFICATIONS

ISO compliance	ISO/IEC 14443-A/B 1, 2, 3 & 4	Serial connection	DB9 1,80m cable
RFID operating frequency	13.56 MHz	Serial baudrate	38400 / 115200 bps 8 data bits, 1 stop, no parity, no flow control
Card operating distance	5cm typ., min 0cm, max 8cm depending on card characteristics.	Included software (Windows binaries)	ISO/IEC 14443-3 poller MIFARE Classic read/write utility
PCD ↔ PICC baudrate	106, 212 or 424 kbps	Power supply	9-12 V DC / 500mA
LED	3 LEDs (red / yellow / green) under control of host application	Power connector	Jack female 2.1mm
Supported cards	Philips MIFARE Classic & UltraLight Philips DESFIRE Philips SmartMX, ProX Infineon SLE66 ... STMicroelectronics ST19 ... Other cards : contact us (Calypso ¹ , Jewel, SR176...)	Consumption	120mA typical
		Housing	ABS-94HB (self extinguishing UL94)
		Color	PC Bone
		Temperature range	0°C → +45°C
		Dimensions L x W x H	146 x 93 x 22 (mm)
		Weight	250g
		CE mark	EN50082 / EN55022 class B

¹ Calypso card support is subject to extra license fees

DETAILED VIEW**ORDER CODES**

CSB4.3S	CSB4 desktop contactless reader/writer [serial]
SDK-CSB4S	CSB & SpringProx developer's kit for Windows [Serial]

NOTE: power supply is not included.

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INSTALLATION PRECAUTIONS

This device is a contactless reader; it uses inductive coupling (magnetic field) for card reading. Precaution must be taken to keep the reader far from any source of perturbation (e.g. other readers, computers...). Installing the reader on a metal surface (aluminium or steel table ...) will lead to shorter operating distance and increased power consumption.

TECHNICAL DATASHEET

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Pro Active
Parc Gutenberg
13 voie La Cardon
91120 Palaiseau
France

Phone : +33 1 64 53 20 10
Fax : +33 1 64 53 20 18
e-mail : info@pro-active.fr
website : www.pro-active.fr

S.A.S. with a capital of 227 000 €
R.C.S. EVRY B 429 665 482
A.P.E. 722 C
VAT # : FR 27 429 665 482 00015