

OBID myAXXESS<sup>®</sup>

# OBID myAXXESS<sup>®</sup> onTop-S

Card Reader for contact and contactless Smart Cards



- Transparent smart card reader for connection to PC-based systems
- Supports chip cards according to ISO14443-A/-B and ISO7816
- RS232, Ethernet, USB
- Handy, compact housing
- Optimal price-performance-ratio



OBID myAXCESS<sup>®</sup> onTop-S is a card reader for contact and contactless smart cards according to ISO 14443-A/-B and ISO 7816. It is designed for use as a desktop reader and is suitable for a variety of applications due to the support of common transponder types, such as mifare classic, mifare DESFire and mifare PLUS.

Beside the contact smart card interface in format ID-1 the reader offers an additional SAM socket in format ID-000.

OBID myAXCESS<sup>®</sup> onTop-S can be connected with a host through the interfaces RS232, USB and Ethernet. In this case the host uses OBID myAXCESS<sup>®</sup> onTop-S for communication with smart cards, controlling the user guidance (display, LED, buzzer) and configuring the card reader.

The reader is suitable for a variety of desktop applications such as eTicketing, eDocument, Loyalty Cards or Public Transport.

**Scope of delivery:**

- OBID myAXCESS<sup>®</sup> onTop-S
- Power supply (5V / 1A), length of connection cable 1.5m
- USB cable
- Brief mounting instructions

**Technical data OBID myAXCESS onTop-S**

Dimensions (W x H x D)	92 mm x 161 mm x 58 mm
Weight	approx. 250 g
Temperature range	
Operation	0 °C to +45 °C
Storage	-20 °C to +70 °C
Relative humidity	max. 95 %, condensation possible
Supply voltage	5 V ± 5%
Current consumption	approx. 500 mA
Operating frequency	13.56 MHz
Supported transponders	ISO/IEC 14443 (MIFARE classic, MIFARE DESfire, NFC card emulation mode Typ 2 and 4)
Interfaces	RS232, Ethernet, USB
Optical displays	3 LEDs, display (Graphic LCD, 128 x 64 dots)
Acoustic display	buzzer
Contactless interface	tested according to EMVCo Contactless Level 1
Contact interface	ID-1; tested according to EMVCo Contact Level 1
SAM socket	1 (ID-000 format)
Driver support	OBID Standard driver and PC/SC-driver for Windows XP, Vista, 7, 8

**Conformity with standards**

Radio approval Europe	EN 300 330
FCC approval	on request
EMC	EN 301 489
Safety	
Low voltage	EN 60950
Human Exposure	EN 50364
Conformity	WEEE 2002/96/EC, RoHS – 2011/65/EC,
Payment	Tested in accordance with EMVCo Contactless & Contact Level 1



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**Order description**

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Date of publication: December 2013