myAuthenticate™ 2.0 OtterBox®

Smart Card Reader Designed for OtterBox® uniVERSE Case System and Samsung S8 and S9 Mobile Phones

*Otterbox uniVERSE case for Samsung Galaxy shown here

■ **VERSATILE**

Designed for Samsung S8 and S9 with OtterBox case

■ **INTEROPERABLE**

Supports most popular ISO 7816 smart cards, including CAC, PIV, PIV-I, and CIV

■ **EFFICIENT**

Features fast, next-generation USB Type-C connector, eliminating security risks and reduced speeds associated with wireless connections

■ **CONVENIENT**

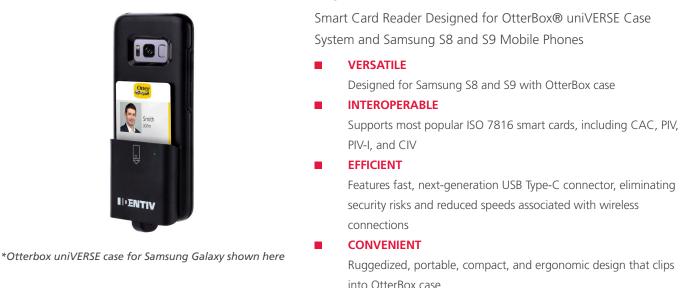Ruggedized, portable, compact, and ergonomic design that clips into OtterBox case

Identiv's myAuthenticate™ 2.0 OtterBox® smart card reader provides an extra layer of security in a world increasingly more reliant on accessing corporate resources through mobile devices. myAuthenticate 2.0 is designed to work with the Otterbox uniVERSE Case System and Samsung S8 and S9 mobile phones. The reader supports standard ISO 7816 smart cards issued by the U.S. government, including PIV and CAC. myAuthenticate 2.0 is compatible with middleware applications (not included) for secure access to web-based email, portals, and collaboration sites authenticated to CAC, PIV, or other approved smart cards.

The OtterBox uniVERSE Case System is a mobile accessories platform with an accent plate on the back that slides out to reveal a rail system. Identiv's myAuthenticate 2.0 OtterBox module slides up the rail and clips securely to the case, plugging into the USB Type-C connector on the phone. Removing the module is just as easy as the installation.

Features and Benefits

- Ruggedized, physical protection for devices meets strong authentication and security for data

- Enables the use of smart cards to eliminate complex passwords and password management

- Opens the mobile application market to develop apps supporting smart cards

- Includes the added security of two-factor authentication — something the user knows (PIN) and something the user has (smart card)

- Doubles as a desktop CCID smart card reader and can be used with Windows, macOS, and Linux machines via the USB Type-C connector (cable not included)

- Reader and card sit behind the phone, offering maximum operational convenience to the user, unlike cumbersome competitor products in which the reader is plugged into the phone and extends downward increasing the length of the phone

Use Cases

- BYOD (bring your own device)

- Securely accessing corporate resources, including email, files, and data

- Protecting government agencies, featuring support for CAC and PIV credentials on mobile devices

- Supporting existing PKI for authentication, encryption and decryption, and digital signature with associated applications

PARAMETER	myAUTHENTICATE 2.0 OTTERBOX
HOST INTERFACES	
PRIMARY INTERFACE	Type C USB Connector
SMART CARD INTERFACE	
SUPPORTED STANDARDS	ISO/IEC 7816 Part 1 to 4
SUPPORTED ICS	All major ISO/IEC 7816 compliant smart card ICs
SMART CARD PROTOCOLS	T=0, T=1
SMART CARD INTERFACE SPEED	Communication speed up to 600 kbps; TA1=97 support
SMART CARD CLOCK FREQUENCY	ISO/IEC 7816 compliant; Operates up to 16 MHz
SUPPORT SMART CARD TYPES	5V, 3V, and 1.8V; ISO 7816 smart card Class A, B, and C
POWER TO SMART CARD	60mA in Class A, 55mA in Class B, 35mA in Class C
SMART CARD DETECTION	Card present switch; Automatic power on/off; Short circuit protection
CONTACT TYPE	Eight (8) contacts — ISO 7816 location; Friction contact rated at 100,000 insertions ; ID-1 card size
SOFTWARE AND SUPPORTED DEVICES	
OPERATING SYSTEM	Android KitKat 4.4 or higher
APPLICATION	**Thursby Sub Rosa/Sub Rosa Pro App
SUPPORTED DEVICES	Samsung Galaxy S8 & S9 Mobile Phones
DRIVER AND SOFTWARE — USB INTERFACE	
PC/SC DRIVER	Android KitKat 4.4, Windows 7, 8, 10 (32 and 64 bit), Windows Server 2012, 2016; macOS 10.12; Linux 2.6.x, 3.x (32 and 64 bit)
SOFTWARE	PC/SC API; CT-API through wrapper on top of PC/SC; M-Card API (through wrapper on top of PC/SC)
CREDENTIALS SUPPORTED	CAC, PIV, PIV-I, AND CIV
OPERATING CONDITIONS AND SPECIFICATIONS	
DIMENSIONS	2.32 x 1.75 x 0.38 in (subject to change)
WEIGHT	2.96 oz (subject to change)
STATUS INDICATOR	LED provides visual indication at the time of connection and card access
FIRMWARE IN-FIELD UPGRADABILITY	No
POWER SUPPLY	USB Type-C powered
POWER CONSUMPTION	<25mA, excluding smart card; <500µA in Standby Mode
OPERATING TEMPERATURE RANGE	0° to 50 °C
OPERATING HUMIDITY RANGE	Up to 90% RH non-condensing
CERTIFICATION AND COMPLIANCES	
FUNCTIONAL APPROVALS AND DIRECTIVES	FCC Class B, ICES-003, CE, C-UL-US listed, FIPS 201*, NIST IR 6887, HSPD-12, OMB-11-11, USB-IF, EMV-ready
ENVIRONMENTAL APPROVALS	RoHS2, REACH, WEEE
ORDERING INFORMATION	
PRODUCT PART NUMBER	905588 and 905588-1

*Phone, Case, & Card not included

**Sub Rosa comes bundled with the Thursby branded myAuthenticate v2; Sub Rosa Pro can be purchased separately.

Identiv, Inc. (NASDAQ: INVE) is a global provider of physical security and secure identification. Identiv's products, software, systems, and services address the markets for physical and logical access control and a wide range of RFID-enabled applications. Customers in the government, enterprise, consumer, education, healthcare, and transportation sectors rely on Identiv's access and identification solutions. Identiv's mission is to secure the connected physical world: from perimeter to desktop access, and from the world of physical things to the Internet of Everything.

Identiv has offices worldwide. Addresses and phone numbers are listed at identiv.com/contact. For more information, visit identiv.com or email sales@identiv.com.

Technical data is subject to change without notice.