



Mobile USB Smart Card (CAC/PIV) Reader plus USB 3.0 hub

MSRP **\$79.99**

USB-A : SKU# AB-ACX001BK-A
USB-C : SKU# AB-ACX001BK-C

Secure important enterprise information with the world's first DOD CAC/PIV reader with built in 2-port USB Hub designed specifically for mobile devices. The ultra slim module attaches to your device with the included mounting kit.

Combined with your mobile device, the ARQ1 USB smart card reader supports strong two-factor chip plus pin authentication and FIPS encryption. Use it at the DOD, government agency or any organization where strong security and compliance are key to avoiding data loss. The smart card reader allows users direct access to secure browsing, Microsoft Outlook email, OWA, SharePoint and portal sites on your device.

The 3.0 USB hub will allow users to connect USB-A accessories such as input devices, storage drives and other while using the card reader on your device.

It's ultra slim and low-profile design allows you to carry it everywhere you use your device.

Available in USB-A and USB-C connectivity versions. Compatible with smartphones, tablets, hybrids and laptop devices.

CAC/Smart card compatibility

Supports standard ISO7816 Class A, B and C (5V, 3V and 1.8V) cards to meet current and future security needs.

USB interface

Enables easy connectivity with your device.

ROM (read only memory) firmware

Provides additional hardware protection and cannot be altered or changed.

FIPS 201- and TAA-compliant design

Ideal for government data security use.

Anti-Tamper Design

Enclosure is designed to prevent physical tampering with the internal components for added security.

Designed to work seamlessly with the Windows standard CCID driver

Eliminates the need for additional software or drivers to ensure simple operation.

Mobile USB Smart Card/CAC Reader

plus USB 3.0 hub

Card Reader Specifications

PC/SC Driver Compatibility	Windows® 7/8/10 (32 and 64 bit) Windows® Server 2008/2012/2016 Windows® CE 6.0, 7.0 MacOS 10.9.x and higher Linux 2.6.x, and 3.x, 4.x (32 and 64 bit) Android 4.0 and higher
Software	PC/SC API CT-API (through wrapper on top of PC/SC) M-Card API (through wrapper on top of PC/SC)
Supported Standards	ISO/IEC 7816 Part 1 to 4 EMV 2011 Ver 4.3 Level 1 (compliant)
Supported Tag ICs	All major ISO/IEC 7816 compliant Smart Card and Synchronous cards
Smart Card Protocols	T=0, T=1, Synchronous cards I2C and 3-wire
Smart Card Interface Speed	Up to 600 kbps TA1=97
Smart Card Clock Frequency	ISO/IEC 7816 compliant; Operates up to 16 MHz
Supported Smart Card Types	5V, 3V and 1.8V, ISO/IEC 7816 Class A/B/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
Card Size	ID-1
ID-1	8 pin ID-1 Sliding Contact Socket C4/C8 support Card detect switch
Power Supply	Bus-powered USB
Power Consumption	<6mA excluding smart card; <20mA with standard card; <500µA in standby mode
Dimensions	9.7 x 61.8 x 61.8 mm (0.38" x 2.43" x 2.43")
Operating Temperature Range	0° to 50° C (32° to 122° F)
Storage Temperature Range	-20° to 60°C (-4° to 140° F)
Operating Humidity Range	Up to 95% RH non-condensing
Durability	Sliding contact 100,000 card insertions
MTBF	100,000 hours
Connector	5-Pin Header connector; 2 mm pitch
Status Indicator	Dual-color LED: Green/yellow
Firmware Upgradeable	No