

GSR203

# Portable Smart Card Reader



## Portable Common Access Card Reader / CAC Reader

Go mobile with IOGEAR's Portable Common Access Card Reader. Our latest Common Access Card (CAC) reader is the perfect communications medium between a CAC or "Smart Card" and a host (e.g. a computer or a point-of-sale terminal). The slim design of the GSR203 features a tuck-away USB cable and fits easily into your backpack, briefcase, or even pocket to make transportation effortless.

- Portable Smart Card reader
  - Suitable for applications in government, healthcare, banking, entertainment, and secure network login
  - Supports multiple Smart Card protocols and relevant industry standards for digital signage and secure personal identification
  - Pocket-sized compact design with tuck-away USB cable for easy portability
  - FIPS-201 Compliant: Meets US Federal Information Processing Standard Publication 201\*
  - Support for V7.x and V8.x USAccess Personal Identity Verification (PIV) Cards
  - EMV 2000 Level 1 approved and support 3V and 5V cards
  - Designed for use with CAC software\*\*
  - ISO7816 implementation - Class A, B, and C (5V / 3V / 1.8V) Card
  - USB 2.0 connection to increase reliability and ease of operation
  - Speed:344,105 bps
  - Power / Scan LED indicators
- R-TRE.2: GSR202 conforms to the reader-to-host system interface of Personal computer/smart card (PC/SC) spec
  - R-TRE.3: Support Class A operating class as defined in ISO/IEC 7816-3: 1997 and ISO/IEC 7816-3:1997/Amd 1:2002
  - R-TRE.4: Support both T=0 and T=1 transmission protocol which is defined in ISO/IEC 7816-3:1997
  - R-TRE.5: Not generate the programming Voltage
  - R-TRE.6: Data retrieved from the PIV readers shall be the data that was written on each card
  - R-TRE.13: Data format for physical readers shall consist of the 2 parity bits, agency code, system code and credential code elements of the FASC-N along with the expiration date (YYYYMMDD) from the CHUID as defined by appendix A of NIST SP 800-73. Each element shall be individually formatted as binary numbers and combined to form a 75 bit string as shown in the figure below.

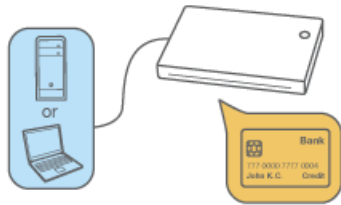
\*\*CAC Middleware is not included

\*R-TRE.1: Follows the ISO7816-2 standard



**How does it work?**

- Plug the Portable Smart Card Reader into your computer's available USB port. Computer will detect the device and install the driver automatically.
- The Portable Smart Card Reader is ready to scan your card.



**Requirements**

- Windows® 10, Windows® 11
- MAC OSX 10.4 or later (32-bit/64-bit, embedded smart card services)
- Linux Redhat, Ubuntu, Fedora (Kernel 2.4 or later)
- Available USB Port 1.1 or 2.0

**Package Contents**

- 1 x Portable Card Reader
- 1 x Quick Start Guide
- 1 x Warranty Card

**Specifications**

Function	GSR203
<b>CPU Connectors</b>	
Peripherals	
<b>Unit Dimensions</b>	
Height	.25 in.
Length	2.75 in.
Depth	2 in.
<b>Master Carton</b>	
Height	7.25 in.
Width	4.38 in.
Depth	10.5 in.
<b>Physical Properties</b>	
Unit Weight	.053lbs (.024kg)
Unit Weight with package	.15 lbs (.068kg)
Case Weight	1.80 lbs.
Case Qty	12