

# Portable Smart Card Reader (TAA Compliant)

GSR203



- 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
- Compact design with tuck-away and clip USB cable for easy portability
- FIPS-201 Compliant: Meets US Federal Information Processing Standard Publication 201\*
- EMV 2000 Level 1 approved and support 3V and 5V cards
- CAC Compatible for use with CAC card software\*\*
- ISO7816 implementation - Class A, B, and C (5V / 3V / 1.8V) Card
- USB 2.0 connection to increase reliability and ease of operation
- Power / Scan LED indicators

\* R-TRE.1: Follow the ISO7816-2

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

## Portable Smart Card Reader

Go mobile with IOGEAR's Portable Smart Card reader. Our latest Smart Card reader is the perfect communications medium between a Smart Card and a host (e.g. a computer or a point-of-sale terminal). Keep the GSR203 Portable Smartcard reader in your backpack, briefcase, or even pocket. The slim design with tuck-away and clip USB cable makes transportation effortless.

## What is a Smart Card Reader?

A Smart Card is a small portable credit-card shaped pocket-sized card with embedded integrated circuits or IC chips which can process data. The combination of the small size and IC (integrated chip) in the Smart Card make them a valuable tool for security, data storage, and other special applications. The use of Smart Cards can improve user security by combining something a user has (the Smart Card) with something only the user should know (a PIN). This provides two factor security that is more secure than passwords alone.

## Designed for Security and Accuracy

The traditional credit card uses a magnetic-strip which stores a very small amount of information and has no processing capability of its own. Smart Cards are the next generation of secure and user friendly identification, authentication & data storage solution. The IOGEAR USB Smart Card Access Reader uses a contact system where the card must be swiped through the card reader; this type of reader is less prone to misalignment and eliminates the possibility of being misread.

## Smart Card Reader Usage

Government, healthcare, banking, and entertainment industries require secure logins / authentication to access information, sensitive data, or private areas. Smart Cards are the next step in this convenience and security.

- Government - Add an additional level of security to computers with sensitive information
- Healthcare - Secure patient information by requiring smart card access of system terminals and computers
- Banking - Protect your customers from unwanted data and monetary theft

## Smart Card Reader with TAA Compliance

GSR202 is listed on the Approved Product List and is TAA compliant product. Users can go to the following website for more info.

<http://fips201ep.cio.gov/apl.php>

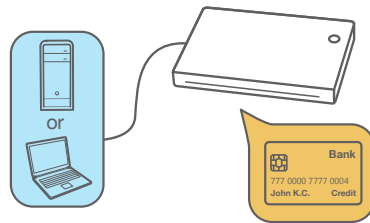
APL# 579



## Portable Smart Card Reader (TAA Compliant)

### 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 XP, Vista, 7 (32-bit/64-bit)
- 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 Driver CD (Windows OS / Linux OS Only)
- 1 x Quick Start Guide
- 1 x Warranty Card

### SPECIFICATIONS

Function	
Cable Connections	
Input	
CPU Connectors	
Peripherals	
LEDs	
Input	
Warranty	3 Year

Dimensions	
Unit Dimensions	
Height	.25 in.
Depth	2 in.
Length	2.75 in.
Unit Package Dimensions	
Width	.75 in.
Height	6.75 in.
Length	3.9 in.
Master Carton	
Width	4.38 in.
Height	7.25 in.
Depth	10.5 in.
Weight	
Master Carton Wt.	1.8 lbs.
Unit Wt.	.05 lbs.
Physical Properties	
Unit Weight	.05 lbs.
Unit Weight with package	.15 lbs.
Case Weight	1.80 lbs.
Case Qty	12