

GSR202

# USB CAC Reader (TAA compliant)



## CAC Reader / Smart Card Reader

The IOGEAR GSR202 is a TAA compliant USB Common Access Card Reader for military, government and even private sector workers who need everyday access to secure systems. Common Access Card (CAC) or Smart Card readers are used as a communications medium between the Smart Card and a host (e.g. a computer, point-of-sale terminal, network system, etc.) in secure systems such as those used by government, banking and health care.

IOGEAR's USB Common Access Card Readers require the card to be inserted directly into the reader where electrical contacts retrieve the data stored in the card's chipset. IOGEAR's physical contact readers are less prone to misalignment, which helps to eliminate the possibility of being misread.

- Suitable for applications in government, healthcare, banking, entertainment, and secure network login
- Supports multiple Smart Card protocols
- 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
- Portable design
- TAA Compliant
- USB Full-Speed interface, compliant with USB 2.0 Specification
- Support single slot
- EMVCo 4.3 Level 1 Specification certified
- PBOC3.0 Level 1 Specification certified
- Support PC Smart Card industry standard-PC/SC 2.0
- Support ISO7816 T0, T1 protocol
- Support ISO7816 Class A, B, C (5/3/1.8V) cards
- Support I2C memory card, SLE4418, SLE4428, SLE4432, SLE4442, SLE4436, SLE5536, SLE6636, AT88SC1608, AT45D041 card and AT45DB041 card via external EEPROM
- Support customized USB VID/PID, manufacture/product strings and serial number by external EEPROM via interface
- Compatible with Microsoft USB-CCID driver
- Support remote wake up through inserting card/removing card
- Support USB selective suspend
- Support Power Saving Mode (Using one pin to select between Normal/PWR Saving Mode)
- Support card power over current protection mechanism
- Support for V7.x and V8.x USAccess Personal Identity Verification (PIV) Cards
- Smart Card Clock up to 8Mhz
- CE/FCC/IC Certificate
- MTBF up to 500,000 Hours
- Power / scan LED indicator
- \*R-TRE.1: Follows the ISO7816-2 standard
- 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.



### How does it work?

- Plug the Smart Card Reader to available USB Port. Computer will detect the device and install the driver automatically.

- The smart card reader is ready to scan the card.



### Requirements

- Windows® 10, Windows® 11
- MAC OS X 10.5 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
- Chrome OS is not supported

### Package Contents

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

## Specifications

Function	GSR202	Dimensions	GSR202
<b>Cable Length</b>	5 feet	<b>POP Information</b>	
<b>Connectors (Input)</b>	8 pin, Friction Technology	10" Peg Hook	5
<b>Interface</b>	USB Type A Male Connector	6" Peg Hook	3
<b>LEDs</b>		<b>Unit Dimensions</b>	
Power On	1	Height	0.625 in (1.59 cm)
Input	1	Depth	2.625 in (6.67 cm)
<b>Power Consumption</b>	USB with 5V, 45mA	Width	3.06 in (7.77 cm)
<b>Data Rate</b>	344,105bps	<b>Unit Package Dimensions</b>	
<b>Operating Temperature</b>	0?~50? (Humidity:20%~90%)	Height	6.88 in (17.48 cm)
		Width	5.56 in (14.12 cm)
		Depth	1.38 in (3.51 cm)
		<b>Master Carton</b>	
		Height	7.25 in (18.41 cm)
		Width	17 in (43.18 cm)
		Depth	6 in (15.24 cm)
		Master Carton Qty.	12
		<b>Weight</b>	
		Master Carton Wt.	3.80 lb (1.4kgs)
		Unit Wt.	0.20 lb (0.1kgs)
		<b>Physical Properties</b>	
		Unit Weight with package	0.30 lb (0.14kgs)