



GSR202

USB-A CAC Reader (TAA compliant)

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.



Features

- 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.

**CAC Middleware is not included

The following IOGEAR products are already listed on the [GSA Schedule: GSR202 USB Smart Card Reader](#): GSA APL #579 [GSR203 Portable Smart Card Reader](#): GSA APL #693 [GKBSR201 Keyboard w/Built-in Common Access Card Reader](#): GSA APL #612

***The FIPS 201 Evaluation Program removed LACS Transparent Readers from the Approved Products list. See link for more details.

Link: <https://www.idmanagement.gov/sell/fipsannouncements>

For a list of all IOGEAR TAA compliant products click [here](#).

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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 |
|-----------------------|----------------------------|--------------------------|--------------------|
| Cable Length | 5 feet | POP Information | |
| Connectors (Input) | 8 pin, Friction Technology | 10" Peg Hook | 5 |
| Interface | USB Type A Male Connector | 6" Peg Hook | 3 |
| LEDs | | Unit Dimensions | |
| Power On | 1 | Height | 0.625 in (1.59 cm) |
| Input | 1 | Depth | 2.625 in (6.67 cm) |
| Power Consumption | USB with 5V, 45mA | Width | 3.06 in (7.77 cm) |
| Data Rate | 344,105bps | Unit Package Dimensions | |
| Operating Temperature | 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) |
| | | Master Carton | |
| | | Height | 7.25 in (18.41 cm) |
| | | Width | 17 in (43.18 cm) |
| | | Depth | 6 in (15.24 cm) |
| | | Master Carton Qty. | 12 |
| | | Weight | |
| | | Master Carton Wt. | 3.80 lb (1.4kgs) |
| | | Unit Wt. | 0.20 lb (0.1kgs) |
| | | Physical Properties | |
| | | Unit Weight with package | 0.30 lb (0.14kgs) |