

## GSR212

# USB Common Access Card Reader (Non-TAA), Smart Card Reader for CAC, PIV and Secure Access



## CAC Reader / Smart Card Reader

IOGEAR's USB Common Access Card Reader is the perfect solution for most civilians as well as non-military government workers who need everyday secure access. Common Access Card (CAC), or Smart Card readers are often used as a communications medium between the EMV smart card and a host (e.g. a computer, a point-of-sale terminal, network login, etc.) in secure systems such as those used by government, banking and health care.

The GSR212 requires 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.

- Support EMV Level 1 specification
- Designed for use with CAC middleware (not included)
- Supports PC Smart Card industry standard - PC/SC version 1.0/2.0
- ISO7816 implementation - Class A, B, and C (5V / 3V / 1.8V) Card
- Support T0, T1 protocol
- EMV 4.1 compliant
- Supports popular memory cards including: SLE 4404, 4418, 4428, 4442, 4443, and I2C
- Support short APDU and extended APDU
- Compatible with Microsoft USB-CCID driver
- Compliant with USB CCID Transport Specification Rev 1.1
- Low power consumption
- Display function: LED display to show system operation and power status
- Dual Multi-protocol Smart Card Interface: Main Card & Auxiliary Card
- Compliant with ISO 7816, EMV2000, GIE-CB and WHQL Standards.
- Asynchronous Protocol T=0 & T=1, with Direct and Inverse Modes.
- Supports CPU-based cards with ISO 7816 T=0 and T=1 protocol and 2 and 3 wire Memory Cards or 12C interface synchronous card
- FIPS-201 Compliant
- Suitable for applications in government, healthcare, banking, and secure network login
- Windows Authentication and Single Sign-on (SSO) support



## How does it work?



## Requirements

- Windows® 11, Windows® 10, Windows® 8.1, Windows® 8, Windows® 7, Windows Vista®, Windows XP®
- Mac OS X 10.4+ (embedded smart card services)\*
- Linux Redhat 9, Ubuntu 8.04, Fedora Core 9+
- USB 2.0 or 1.1

## Package Contents

- 1 x GSR212
- 1 x Quick Start Guide
- 1 x Warranty Card

\*Mac OS X 10.9+ needs to download Java

## Specifications

Function	GSR212	Dimensions	GSR212
<b>Operating System Support</b>	Windows XP®, Windows Vista®, Windows® 7, Windows® 8, Windows® 8.1, Mac OS X 10.4+, Linux Redhat 9, Ubuntu 8.04, Fedora Core 9+	<b>POP Information</b>	
<b>Connectors (Input)</b>	8 pin, Friction Technology	10" Peg Hook	5
<b>LEDs</b>		6" Peg Hook	3
Data	Red	<b>Unit Dimensions</b>	
<b>Power Consumption</b>	5V, 60mA	Height	0.38" (0.97cm)
<b>Data Rate</b>	688kbps (PPS, FI parameter)	Length	2.50" (6.35cm)
<b>Cable Length</b>	40" (101cm)	Depth	3.25" (8.26cm)
<b>Cable Type</b>	USB Type A Male	<b>Unit Package Dimensions</b>	
<b>Housing</b>		Height	6.88" (17.48cm)
Case	Plastic	Width	5.56" (14.12cm)
		Depth	1.38" (3.51cm)
		<b>Master Carton</b>	
		Height	7.75" (19.69cm)
		Width	15.25" (38.74cm)
		Depth	7.75" (19.69cm)
		Master Carton Qty.	12
		<b>Weight</b>	
		Master Carton Wt.	3.15lb (1.43kg)
		Unit Pack Wt.	0.19lbs (0.09kg)
		Unit Wt.	0.12lbs (0.05kg)