ACS APG8201-B2

User Manual

ACS USB Full-Sized Contact Smart Card Reader w/LCD Display
Model: APG8201-B2

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your ACS USB Full-Sized Contact Smart Card Reader with LCD Display, Model APG8201-B2. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.

Figure 1: Front view of the ACS APG8201-B2 Smart Card Reader, showing the LCD display at the top and a numeric keypad below it, with a USB cable extending from the bottom.

PACKAGE CONTENTS

Verify that all items are present in the package:

- ACS APG8201-B2 Smart Card Reader
- USB Cable (integrated)
- Quick Start Guide (if applicable)
- Driver CD (if applicable, drivers also available online)

SETUP

1. **System Requirements:** Ensure your computer meets the minimum system requirements for the card reader. Typically, this includes a compatible operating system (Windows, macOS, Linux) and an available USB port.

2. **Driver Installation:**

   - *Automatic Installation:* In most modern operating systems, the necessary drivers will install automatically upon connecting the device.

   - *Manual Installation:* If automatic installation fails, insert the provided driver CD or download the latest drivers from the official ACS website (www.acs.com.hk). Follow the on-screen instructions to complete the driver installation.

3. **Connect the Device:** Plug the USB cable of the APG8201-B2 card reader into an available USB port on your computer. The device's LCD display should power on.

4. **Verify Installation:** After connecting, check your computer's Device Manager (Windows) or System Information (macOS) to confirm that the card reader is recognized and installed correctly. Look for "Smart Card Readers" or a similar category.

OPERATING INSTRUCTIONS

Inserting a Smart Card

To insert a smart card, orient the card with the gold contact chip facing upwards and slide it gently into the card slot on the front of the device until it clicks into place. Do not force the card.

Using the LCD Display

The integrated LCD display provides visual feedback on the status of the card reader and ongoing transactions. Messages may include "Insert Card," "Processing," "PIN Entry," or error codes. Refer to your application software for specific display messages.

Using the Keypad

The numeric keypad is primarily used for secure PIN entry (PIN Pad functionality) or other data input as required by the application. Follow the prompts on the LCD display or your computer screen for keypad usage.

Removing a Smart Card

Once a transaction or operation is complete, gently pull the smart card out of the slot. Ensure the application indicates that the card can be safely removed before doing so.

MAINTENANCE

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the exterior of the device. Do not use liquid cleaners, aerosols, or abrasive materials, as these can damage the device.

- **Storage:** Store the card reader in a cool, dry place away from direct sunlight and extreme temperatures.

- **Handling:** Avoid dropping the device or subjecting it to strong impacts. Do not attempt to open the casing, as this will void the warranty.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not recognized by computer.	USB cable not properly connected. Drivers not installed or corrupted. Faulty USB port.	Ensure USB cable is securely plugged into both the device and the computer. Reinstall drivers from the ACS website. Try a different USB port on your computer.

Problem	Possible Cause	Solution
Smart card not detected.	Card inserted incorrectly. Dirty or damaged card contacts. Card reader slot obstructed.	Reinsert the card, ensuring the chip faces upwards and is fully seated. Clean the card's contacts with a soft cloth. Inspect the card slot for any obstructions.
LCD display is blank.	No power to the device. Device malfunction.	Check USB connection. Try connecting to a different USB port or computer. If the issue persists, contact technical support.

SPECIFICATIONS

- **Model:** APG8201-B2
- **Interface:** USB 2.0 Full Speed
- **Supported Card Types:** ISO 7816 Class A, B, C (5V, 3V, 1.8V) Smart Cards
- **Operating System Support:** Windows, macOS, Linux (specific versions may vary, refer to ACS website)
- **Weight:** Approximately 1.32 pounds (0.6 kg)
- **LCD Display:** Alphanumeric, 2 lines x 16 characters
- **Keypad:** 12-key numeric keypad (0-9, Clear, Enter)
- **Manufacturer:** ACS (Advanced Card Systems Ltd.)

WARRANTY INFORMATION

ACS products typically come with a standard manufacturer's warranty. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official ACS website. Keep your purchase receipt as proof of purchase for warranty claims.

SUPPORT AND CONTACT INFORMATION

For technical support, driver downloads, or further assistance, please visit the official ACS website:

ACS Support Page

You may also contact your local distributor or reseller for support.

Related Documents - APG8201-B2

APG8201-B2 User Manual • Uživatelský manuál • Uživateľský manuál • Használati utasítás • Benutzerhandbuch	**ACS APG8201-B2 Smart Card Reader User Manual** User manual for the ACS APG8201-B2 portable smart card reader, detailing its features, technical specifications, typical applications, warranty information, and compliance details.
ACR39U-UF User Manual • Uživatelský manuál • Uživateľský manuál • Használati utasítás • Benutzerhandbuch	**ACR39U-UF Smart Card Reader User Manual** Comprehensive user manual for the ACS ACR39U-UF smart card reader, detailing its features, specifications, supported card types, applications, operating system compatibility, warranty, and compliance information.
ACR39U-U1 (USB Type A) Smart Card Reader Technical Specifications V1.10	**ACR39U-U1 Smart Card Reader Technical Specifications** Technical specifications for the ACS ACR39U-U1 Smart Card Reader, a compact and stylish device supporting various smart card types and applications.
ACR1281U-C1 User Manual • Uživatelský manuál • Uživateľský manuál • Használati utasítás • Benutzerhandbuch	**ACS ACR1281U-C1 DualBoost II User Manual** User manual for the ACS ACR1281U-C1 DualBoost II, a dual interface reader for contact and contactless smart cards. Includes features, technical specifications, warranty information, and compliance details.
ACR1552U-A2 AquaGuard NFC USB Reader User Manual V1.00	**ACR1552U-A2 AquaGuard NFC USB Reader User Manual** User manual for the ACS ACR1552U-A2 AquaGuard NFC USB Reader, detailing its waterproof IP67 design, contactless features, multi-platform support, typical applications, driver installation, and technical specifications.
ACR1252U User Manual • Uživatelský manuál • Uživateľský manuál • Használati utasítás • Benutzerhandbuch	**ACS ACR1252U USB NFC Reader III - User Manual and Technical Specifications** Comprehensive user manual and technical specifications for the ACS ACR1252U USB NFC Reader III, a certified contactless smart card reader supporting various card types and NFC modes, ideal for applications like e-Government, e-banking, and access control.