

SCROY IDBridge CT30

User Manual for SCROY IDBridge CT30 USB Smart Card Reader

Model: IDBridge CT30

1. INTRODUCTION

The SCROY IDBridge CT30 is a versatile USB smart card reader designed for secure network access and various smart card applications. It is compatible with ISO7816 smart cards and supports a wide range of operating systems, including Windows, Linux, and macOS. This device is commonly used for government, military (CAC/DOD), corporate, and medical eID applications, providing a reliable solution for logical access and secure online transactions.

2. SAFETY INFORMATION

- Do not expose the device to extreme temperatures, humidity, or direct sunlight.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble or modify the device. This will void the warranty and may cause damage.
- Keep the device away from liquids and corrosive materials.
- Use only with compatible smart cards as specified.

3. PACKAGE CONTENTS

Please check the package for the following items:

- SCROY IDBridge CT30 USB Smart Card Reader
- User Manual (this document)



Image 1: SCROY IDBridge CT30 Smart Card Reader with a smart card inserted, demonstrating its transparent design.



Image 2: SCROY IDBridge CT30 Smart Card Reader showing the integrated USB cable and the device's compact size.

4. SETUP

4.1 Driver Installation

The IDBridge CT30 is generally a plug-and-play device. For most modern operating systems (Windows 7/8/10, Linux, macOS X), drivers will install automatically upon connecting the device to a USB port. If automatic installation does not occur, or if you require specific drivers for advanced functionalities (e.g., certain CAC/DOD applications), please refer to the official Thales/Gemalto support website for the latest driver downloads.

4.2 Connecting the Device

1. Locate an available USB Type-A port on your computer (desktop or laptop).
2. Insert the USB connector of the IDBridge CT30 into the USB port.
3. The operating system should detect the new hardware and begin driver installation if necessary.
4. A small LED indicator on the device may illuminate or blink to indicate power and readiness.

5. OPERATING INSTRUCTIONS

5.1 Inserting a Smart Card

To use the smart card reader:

1. Ensure the smart card reader is connected to your computer and recognized by the system.
2. Orient your smart card with the gold contact chip facing upwards and towards the reader.
3. Gently slide the smart card into the designated slot on the IDBridge CT30 until it is fully seated. Do not force the card.
4. The reader's indicator light may change or blink to show that a card has been detected.

5.2 Using with Applications

- Once the smart card is inserted and recognized, you can use it with various applications that require smart card authentication or data access. This includes:
- Common Access Card (CAC) and DOD ID applications (e.g., ActivClient, AKO, OWA, DKO, JKO, NKO, BOL, GKO, Marinenet, AF Portal, Pure Edge Viewer, Approvelt, DCO, DTS, LPS, Disa Enterprise Email).
 - Online banking and secure web transactions.
 - Digital signatures and encryption.
 - eID applications for government and corporate use.

Follow the instructions provided by your specific application or service for smart card interaction.

6. MAINTENANCE

To ensure the longevity and optimal performance of your IDBridge CT30 smart card reader:

- **Cleaning:** Use a soft, dry, lint-free cloth to wipe the exterior of the device. Do not use liquid cleaners, aerosols, or abrasive solvents.
- **Storage:** When not in use, store the device in a clean, dry environment, away from dust and direct sunlight.
- **Cable Care:** Avoid bending or twisting the USB cable excessively. Do not pull the device by its cable.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not recognized by computer.	Loose USB connection, driver issue, faulty USB port.	Ensure the USB cable is securely plugged into both the reader and the computer. Try a different USB port on your computer. Restart your computer. Check Device Manager (Windows) or System Information (macOS/Linux) to see if the device is listed. Reinstall drivers if necessary from the official Thales/Gemalto support site.
Smart card not detected.	Card inserted incorrectly, dirty card contacts, incompatible card.	Ensure the smart card is inserted correctly with the chip facing up and fully seated. Clean the smart card's gold contacts with a soft, dry cloth. Verify that the smart card is compatible with ISO7816 standards. Try a different smart card if available.
Application not working with the reader.	Application configuration, missing middleware, software conflict.	Ensure the necessary middleware (e.g., ActivClient for CAC cards) is installed and properly configured for your application. Consult the documentation for your specific application or service. Ensure your operating system and application are up to date.

8. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model	IDBridge CT30
Brand	SCROY (Manufactured by Thales/Gemalto)
Connectivity	USB Type A
Operating System Compatibility	Windows 7, 8, 10; Linux OS; Apple macOS X
Product Dimensions (LxWxH)	2.48 x 0.51 x 2.91 inches
Item Weight	1.94 ounces
Color	Transparent
Special Features	Built-In USB Cord, Easy Setup, Plug & Play
Compatible Devices	Desktop, Laptop

9. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For detailed warranty information, technical support, driver updates, or troubleshooting assistance beyond this manual, please visit the official support website of Thales/Gemalto or contact your point of purchase. Keep your purchase receipt as proof of purchase for warranty claims. For general inquiries, you may also refer to the SCROY brand's support channels if available.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

Can the SCROY IDBridge CT30 smart card reader be programmed to manage motorcycle battery charging stations based on kWh or time usage?

The SCROY IDBridge CT30 is a hardware interface (a reader/writer) and does not have built-in standalone programming for billing or charging station management. Whether you can charge by kWh or by time depends entirely...

[Read full answer](#)