

# ACR40T SIM-Sized Smart Card Reader (USB Type-A/C)

**USER MANUAL** 

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Subject to change without prior notice



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## 1.0. Introduction

ACR40T is ACS's newest compact high-speed USB contact SIM-sized smart card reader. It supports firmware upgrade, as well as ISO 7816 Class A, B and C smart cards (5 V, 3 V, 1.8 V), microprocessor cards with the T=0, T=1 protocol, and a wide variety of memory cards in the market.

Combining sophisticated and ground-breaking modern technology, the competitive advantage of ACR40T lies in its compact size and sliding smart card entry slot, allowing for hassle-free application.

ACR40T is also available in premium, providing users with a built-in button for specific application usage. This function is also essential for acknowledging user presence as it ensures that the user is physically present in order to interact with the application.

Compliant with both CCID and PC/SC as well as Microsoft® WHQL, ACR40T is also compatible with various operating systems such as Windows<sup>®</sup>, Linux<sup>®</sup>, macOS, Android<sup>™</sup>, and is able to connect with both USB Type-A and USB Type-C respectively.

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#### 2.0. Usage Instructions



1. Remove the cap at the rear end of the reader.



2. Insert your SIM card, chip facing down, notch to the right.



3. Close the cap at the rear end of the reader.



4. Remove the USB cap at the front end of the reader.



5. Connect the reader to your device to begin operating.

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#### 3.0. Using Driver Installer

USB Interface	OS Support	
PC/SC Driver Installer 3.65 MB Version 4.4.2.0 30-Nov-2022	Windows®	
PC/SC Driver Installer 281.49 KB Version 1.1.9 24-Mar-2023	macOS	
PC/SC Driver Installer 2.78 MB Version 1.1.9 24-Mar-2023	Linux®	
Android EVK 412.30 KB Version 1.1.5.8 31-Mar-2023	Android™	

Name	^
🚞 x64	
<b>==</b> x86	
ReadMe	
👸 Setup	
📓 Setup	

- from the ACS website.
- 1. Download and unzip PC/SC Driver Installer 2. After the package is unzipped, double click on Setup.exe.

**Note:** It is recommended to keep your Windows computer up to date before installing the driver, you can achieve this by performing regular Windows Update.

🎼 Setup			$\times$
	Choose your language:		
	English	$\sim$	
	ОК		



- 3. Select the language of your choice and then click OK.
- 4. The "Setup Wizard" will be displayed. Click "Next" to process with the driver installation.



ACS Unified PC/SC Driver 4.4.2.0 Setup -		×
Destination Folder		
Descritation Folder		
Click Next to install to the default folder or click Change to choose another.		
Install ACS Unified PC/SC Driver 4.4.2.0 to:		
		_
C:\Program Files\Advanced Card Systems Ltd\ACS Unified PCSC Driver 4.4.2.0\		
Change		
	-	
Back Next	Can	cel

ACS Unified PC/SC Driver 4.4.2.0 Setup	-	
Ready to install ACS Unified PC/SC Driver 4.4.2.	D	
Click Install to begin the installation. Click Back to review or	change any of you	ır
installation settings. Click Cancel to exit the wizard.		
Back	Install	Cancel

- 5. Choose the "Destination Folder" where you 6. Click Install to begin the installation of the want the application to be installed by clicking Change. If you accept the default installation folder, just click Next.
- driver.



7. Once the driver installation is done, click Finish. The installation "Setup Wizard" will then close.

Note: After the driver installation is done, it is recommended to restart the PC. After restarting the PC, make sure the smart card reader had been plugged into the USB port of your PC.



8. Insert your ACR40T reader into your device. The reader's Green LED light indicates that a proper connection has been established.

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## 4.0. Suggested Application Scenario



1. Select "Login by Digital Certificate".



2. Insert the reader into your PC device.



3. Select "From Smart Card" as the location of 4. To continue, enter the PIN of your digital your digital certificate.



certificate.



5. Then, verify user presence by pressing the 6. The login process is complete upon button at the rear end of the reader.



successful verification.