OCR640

Full-page, ID Document Reader

User Manual

Version 1.3 – October 2024

www.access-is.com

Access IS
Interfacing Solutions

Contents

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Access IS Interfacing Solutions

1. Installation

- Windows XP or newer OS required for installation.
- Please run all programs required for installation as an Administrator.
- Do not plug in the OCR640.

1. Download the latest VideoOCR driver from http://downloads.access-is.com/VideoOCRSetup.2.27.exe.
2. Extract the files to a folder, and run the VideoOCR.exe installer.
3. Follow the on-screen instructions. Your screen may flicker as the driver is installed.
4. Download http://downloads.access-is.com/VideoOCR/VideoAPI.zip and extract the files into C:/Program Files/Access VideoOCR. When prompted, replace the existing files.

   Note: for 64 bit OS, the VideoOCR folder is located in the x86 program file directory.
5. You may now plug in the OCR640. It requires a power supply of 5V, 3A.

2. Application Development

The API for application development is extracted into the VideoOCR file during installation step 4. It can be found as a PDF in the Access VideoOCR folder in program files.

3. Demonstrating the OCR640

For users who wish to demonstrate the OCR640, please download the latest version of ISDemo http://downloads.access-is.com/isdemo.zip

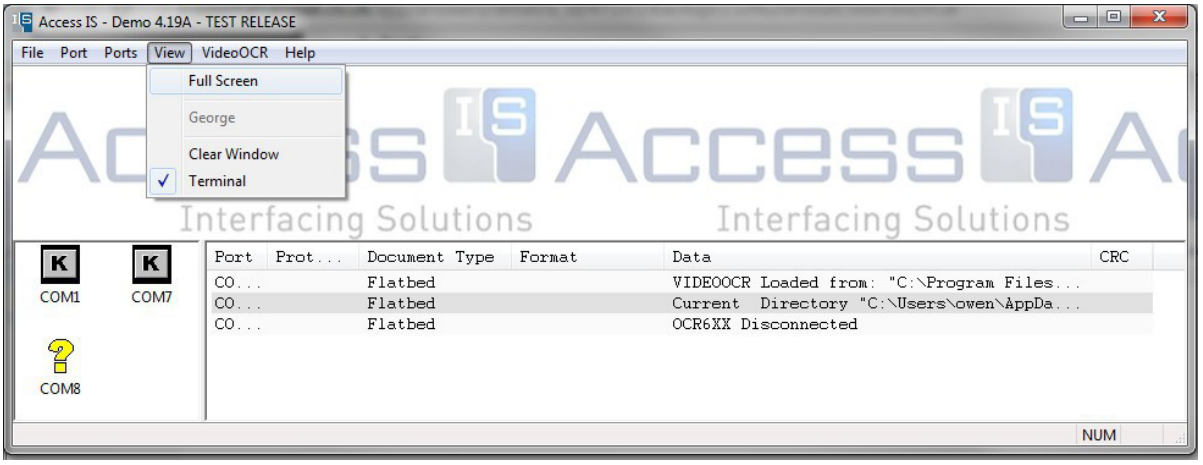

Figure 1

To view the demonstration window, you must choose to view the window in full screen (**Figure 1**). The demonstration features are customisable from the VideoOCR menu in ISDemo. Please note that the Crop and Rotate, Barcode (barcode enabled models only) and Bad Decode features are still developmental.

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4. Troubleshooting

4.1. RFID

If you are experiencing problems reading an eDocument, there may be a Windows service disrupting the process. To resolve this issue the Certificate Propagation service should be disabled. This can be done in two ways:

1) In Services Manager:
   a) Run ‘services.msc’.
   b) In the Services Manager window, select and double click the ‘Certificate Propogation’ service.
   c) Stop the service, and then choose the Startup type ‘Disabled.
   d) Apply the changed settings and close the window.

2) Disable smart card Plug and Play:
   a) On a client computer, click Start, type gpedit.msc in the Search programs and files box, and then press ENTER.
   b) In the console tree under Computer Configuration, click Administrative Templates.
   c) In the details pane, double-click Windows Components, and then double-click Smart Card.
   d) Right-click Turn on Smart Card Plug and Play service, and then click Edit.
   e) Click Disabled, and then click OK.

If these steps do not resolve the problem, please contact Access at sales@access-is.com, or call +44 (0) 118 966 3333.

5. Document History

Revision #	Approved By	Revision Details
1.0	OT	
1.1		Updated FCC compliance statement
1.2		Additional FCC compliance information
1.3		Additional FCC compliance information

6. Radio Frequency Energy

FCC Compliance Statement (United States)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. No changes shall be made to the equipment without the manufacturer's permission as this may void the user's authority to operate the equipment

Note:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment should be installed and operated keeping the radiator at least 20 cm or more away from the person's body.
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

Canadian Department of Communications RFI statement

This equipment does not exceed the class A limits for radio noise emissions from digital apparatus set out in the radio interference regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe A prescrites dans le règlement sur le brouillage radioélectriques publié par le ministère des Communications du Canada.

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