



USER MANUAL – AdminTool SCAN & GO

Revision 0



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1. Introduction

Barcode AdminTool allows advanced programming of the control units S&G Basic and printers BCP-DTx (desktop printers).

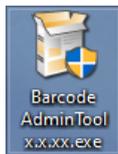
2. AdminTool

A Scan & Go installation is completely standalone. AdminTool is by default not necessary but can be used for advanced configuration.

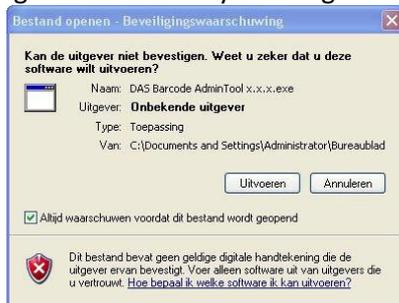
The software can be downloaded from FAAC Nordics website – www.faac.se

2.1. Installation of the AdminTool kit

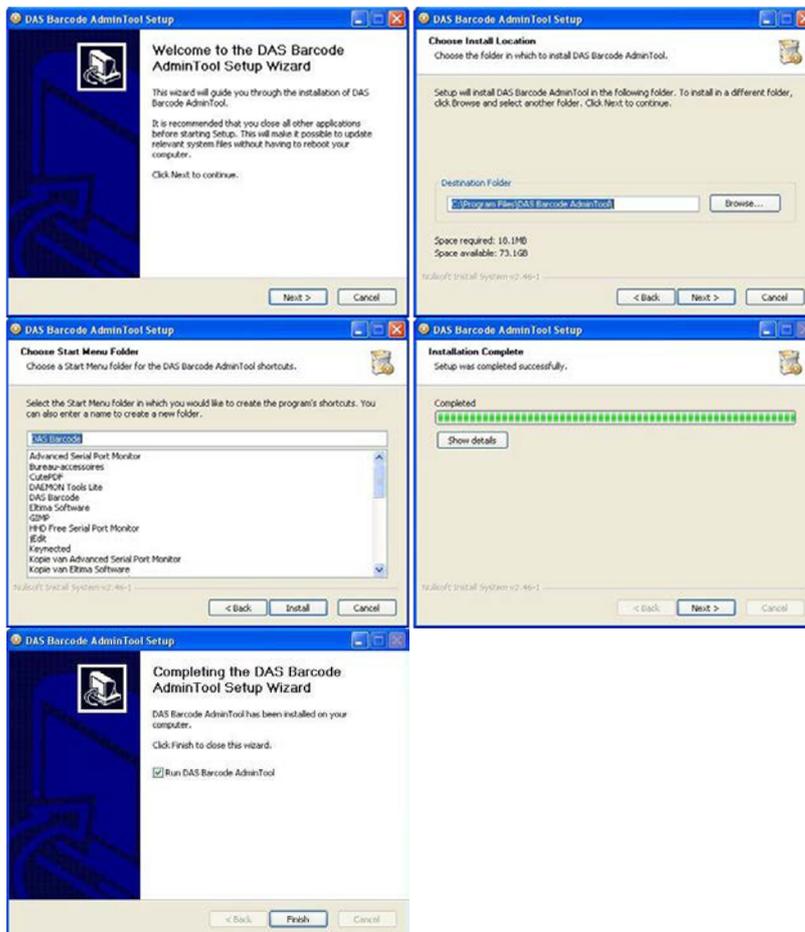
- The kit consists of:
 - The software Barcode AdminTool
 - A USB/serial cable with integrated FTDI driver
- Download the file to your computer
- Start the installation by clicking the icon:



- Ignore the security warning



- Follow the on-screen instructions.



- Close the application Barcode AdminTool

3. Connecting the Desktop Printer or the Control Unit to your PC

Barcode AdminTool communicates with the devices via a serial (COM) port. To connect the scanner to your PC, you need the specific FTDI USB/jack 3.5mm cable. To connect the printer to your PC, you need the specific FTDI USB/DB9.

In any way, make sure the device is powered on and in admin mode. If not, communication with the PC is not possible.



The FTDI driver should start installing itself automatically. In case it doesn't, download the appropriate driver and install it.

3.1. How to boot the desktop printer in Admin mode

- Power the printer off



- Press on either the grey or blue push buttons before powering the printer on (keep the button pressed while powering on).



- Remove your finger from the push button after a few seconds. The printer is now in Admin mode. No access control barcodes can be printed anymore.

3.2. How to boot the Scanner Control Unit in Admin mode?

The Scanner Control Unit is always in admin mode when powered on.

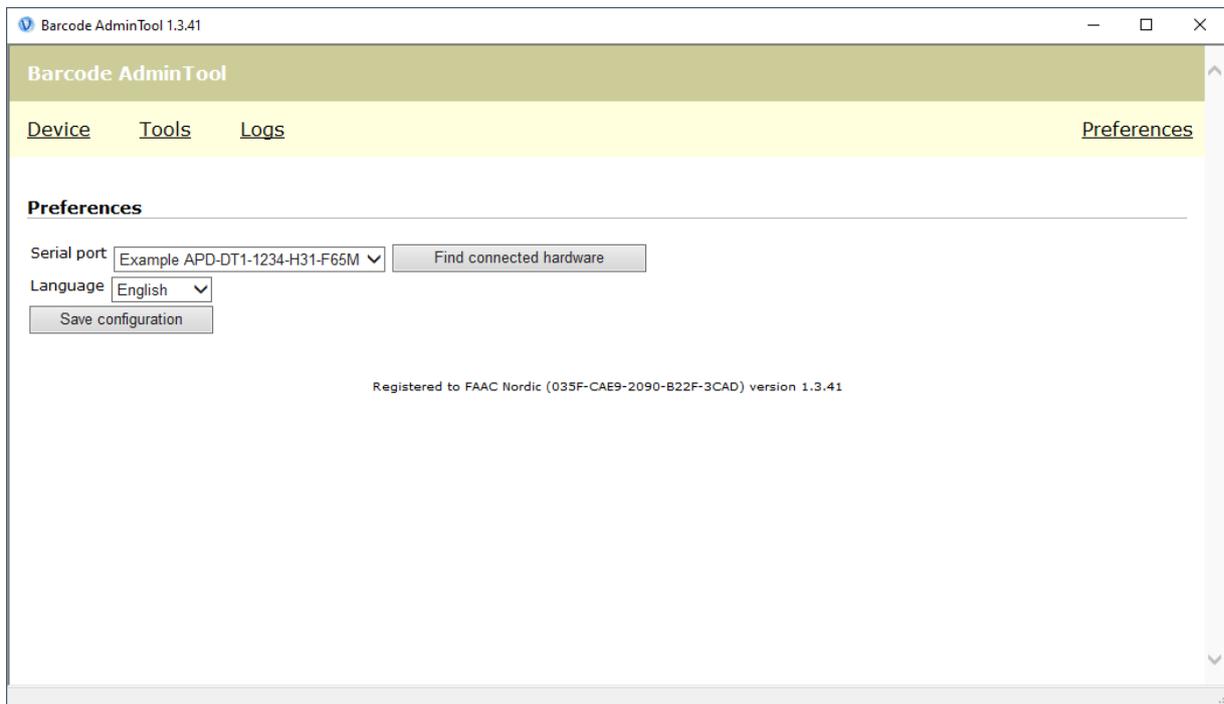
4. Configuring AdminTool.



Barcode AdminTool is a self-contained web application; it does not need a working internet connection. However, due to the web technologies used, your firewall or virus scanner can interfere with it. Don't restrict or reduce the security level of AdminTool, even when requested by your computer. Make sure that network port 7100 is available.

4.1. Selecting the right com port

The setting in Barcode AdminTool must match the port you connect the device to.



- Click on 'Preferences' at the top right of your screen
- If you know the port number, select the correct port from the drop-down box.
- If you don't know the port number, click 'Find connected hardware'. It can take a while for AdminTool to scan all serialports.
 - 1 The message 'Device has been detected on Com #' appears.
 - 2 Select this com-port at the drop-down next to 'Serial port'.
- Click on 'Save'
- The message 'Configuration saved' appears

4.2. Troubleshooting the USB Serial Port

If you are using a USB Serial port converter, and Barcode AdminTool can't communicate with the device try the following steps:

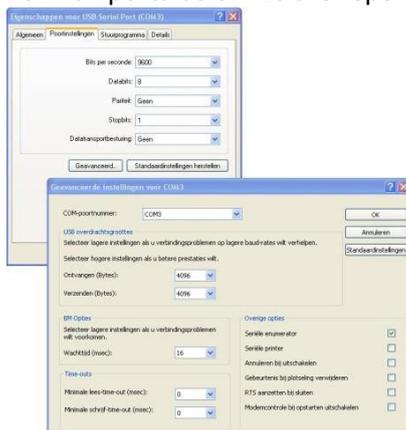
- Go to start>run and type “devmgmt.msc” (you can type this in the 'Search' box in the start menu of Windows Vista/7/10)



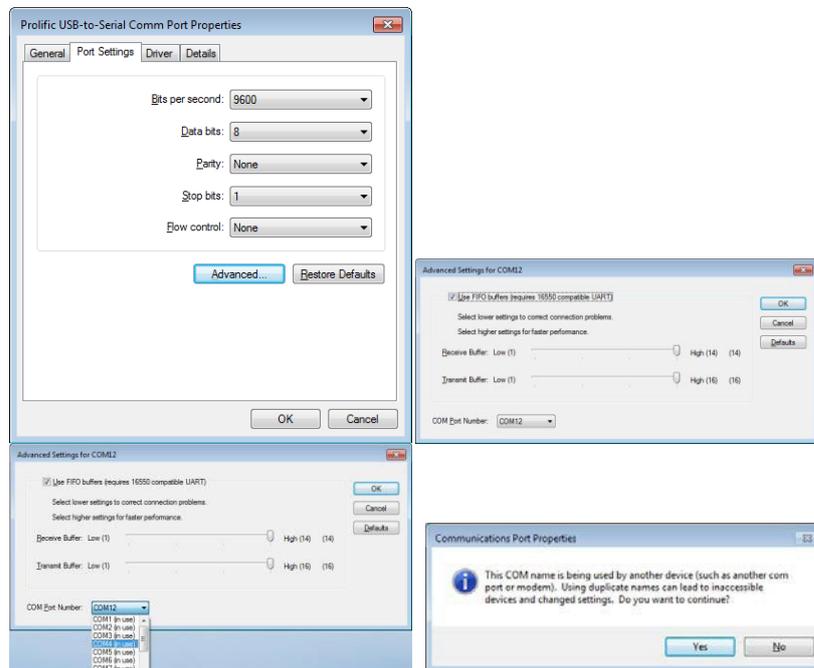
- Double click 'USB Serial Port COM #' and click the 'Port configuration'



- Click 'Advanced' and change the Port number assigned to the COM port to a number below 10. If all ports below 10 are reported in-use, pick one and ignore the warning.



- Close the configuration windows by clicking the 'OK' buttons.



5. Configuring the Scanner Unit



Make sure to click on 'Save settings to device' after making modifications!!

5.1. Device menu

Click on 'Devices' at the top left of your screen. You will then see the screen below:

Settings for S&G

S&G-2402-H50-F0146

System settings

Date:

Timezone:

Display language:

Ticket date notation:

Ticket title:

Access control

Access control mode:

Linked printers: Only the barcode at the beginning of each line is interpreted:

Permanent cards: Only the barcode at the beginning of each line is interpreted:

Direction:

Presence detection: setting not available

Ticket memory size: Use the entire scan history to match the scanned ticket to (this can take several seconds).

Use minutes of scan history to match the scanned ticket to.

Extend Ticket Extend the validity of scanned ticket with minutes.

5.1.1. System settings

If necessary, change the date, time zone, display language and ticket date notation:

- Date: when connected to your computer, the Scanner Unit automatically duplicates the computer date
- Time zone: select "CET" if you want the Daylight Saving Time management to occur automatically
- Display language: you can select up to three languages – display messages will be displayed in these languages.

5.1.2. Access Control

- **Access control mode:** make your choice out of 3 access control modes:
 - Enabled (=Default)
 - Free Access
 - Permanent closed



Free Access mode activates a permanent control of the relay. Please check the compatibility of your physical access with this command. For example, an automatic barrier could be configured to close automatically even after our permanent open command.

- **Linked printers:**
 - Overview of printer identities which are linked to the control unit



Please note that one scanner can accept at maximum virtual links with two desktop printers.

- **Permanent cards:**
 - Overview of permanent cards that will be accepted by the scanner unit
- **Direction:** choose the correct access control direction in order to allow coherent messages to appear on the screen.
 - Entrance (Welcome message)
 - Exit (Goodbye message)(=Default)
- **Ticket memory size:**
 - Match with entire scan history....
 - Match with 24h00 scan history.... (=Default)



The feature "Ticket memory size" affects the response time of the scanner unit. Matching a scanned ticket with the entire (full) scan history may take up to 4 seconds once the log memory is full!!!

When using limited use tickets (for instance Single Use) with a validity of more than 24h, the timeframe configured under "Ticket memory size" must be adapted (default = 24h)!

- **Extend ticket:**

This feature allows to automatically extend the validity time of the barcode ticket with a predefined number of minutes. This can be useful to overcome possible divergences between internal clocks of the printer and the scanner unit.

5.2. Tools menu

Click on Tools at the top of your screen. You will then see the screen below:

Tools for S&G

S&G-2402-H50-F0146

Info

hardware: S&G-2402-H50-F0146

language support: EN, NL, FR, DE, PL, SV, IT, RU, ES, PT, NO

status: [SYSINFO]

time: 2019/06/13 12:33 +0100

Version: 146

Errors: none

Battery voltage: 3.14V

Temperature: --- C

swref: acdf1062a3e5c373fe56

rtc: AC

tempid: 00

...

Trigger an action

Reboot device

Open barrier

Copy/restore configuration

Download configuration

Restore backup:

Restore factory defaults

Warning: make sure you have a backup or have a note of all settings.

I am aware this action will undo any customisations made with admintool.

Send firmware

5.2.1. Info

General information regarding hardware and firmware

5.2.2. Trigger an action

- **Reboot:** Click on this button to reboot the device. It will not lose configuration.
- **Open barrier:** Click this button to open the physical access to which your device is connected

5.2.3. Copy/restore configuration

- Backup a device configuration and save it to your computer.
- Update a device with a backup configuration file.

5.2.4. Restore factory defaults

Return to the factory defaults.



Always make a backup file before returning to the factory defaults!!

5.2.5. Send firmware

Update a device with a new firmware file.

6. Settings for the SGB-DT1.4 (Desktop printer)



In order to be able to communicate with the pc, the desktop printer must be powered on and in admin mode!! See point 'How to boot the desktop printer in Admin mode' in this manual.

Make sure to click on 'Save settings to device' after making modifications!!

6.1. Device menu

Click on 'Devices' at the top left of your screen. You will then see the screen below:

Settings for BCP

Operating in DEMO mode. To operate on real devices click Preferences and choose a real serial port.

BCP-DT1-1234-H31-F71Z

Preload ticket language

Language:

System settings

Date: setting not available

Timezone:

Ticket date notation:

Ticket title:

setting not available

Big button

Ticket subtitle:

Print several tickets: Print tickets with this configuration.

Usage credit count: Unlimited
 Allow uses.

Ticket validity: Ticket is valid for minutes after

Ticket is valid minutes before it expires.

Small button

Ticket subtitle:

Print several tickets: Print tickets with this configuration.

Usage credit count: Unlimited
 Allow uses.

Ticket validity: Ticket is valid for minutes after

Ticket is valid minutes before it expires.

Message on ticket

Send logo to device

•

(max. 240x240px - jpeg/gif/png)

•

6.1.1. Preload Ticket Language

Select the language you want to have on the tickets.

6.1.2. System settings

Change the date, time zone, ticket date notation and ticket title.

- Date: when connected to your computer, the Desktop Printer automatically duplicates the computer date
- Time zone: select "CET" if you want the Daylight Saving Time management to occur automatically
- Ticket title: type here the title you want to print on every ticket.



The maximum size for titles and subtitles is 24 characters per title.

6.1.3. Grey and blue button

- Ticket subtitle: type the subtitle you want to print on every ticket
- Print several tickets: define here the number of tickets you print each time you push this button
- Usage credit counts: define here the number of times tickets can be used within their time validity
- Ticket validity: define here the start and end validity
- Message on ticket: type here a message you want to print on every ticket. This message will be printed in smaller characters than the title and subtitle.

6.1.4. Send logo to device

Click on Browse and upload a file you want to use as a logo on your tickets.

6.2. Tools menu

Click on Tools at the top of the page.

6.2.1. Info

General information regarding the hardware and firmware.

6.2.2. Trigger an action

- **Reboot**: Click on this button to reboot the device. It will not lose its configuration during the process.
- **Print blue button**
- **Print greybutton**

6.2.3. Copy/restore configuration

Backup a device configuration and save it to your computer. Update a device with a backup configuration file.

6.2.4. Restore factory defaults

Return to the factory defaults.



Always make a backup file before returning to the factory defaults!!

6.2.5. Send firmware

Update a device with a new firmware file.

7. Error messages

7.1. No response from device

This error means that AdminTool couldn't find the right com port. Please go to point 'Troubleshooting the USB Serial Port' in this manual. Check your wiring.

7.2. Barcode is not a Printer Identity

The barcode you entered in the Ticket source/Linked printers list is incorrect

7.3. Barcode is not a Permanent card

The barcode you entered in the permanent card list is incorrect

7.4. Protocol dialog error

Communication with device interrupted when loading/saving settings

7.5. Unsupported format exception

Logo image file type not supported when setting a logo

7.6. Invalid license exception

Invalid license code entered on registration

7.7. Saving the configuration to disk failed

File permission problem when selecting language/serial port

7.8. Error reading file

The selected logo or firmware could not be read

7.9. Invalid image dimensions

The selected logo file has invalid dimensions

7.10. Offline target does not support this feature

Not all AdminTool features are usable with offline demo devices – you tried to work with one of these

7.11. Corrupt file

Firmware file you selected to load into a device is not a firmware file

7.12. Firmware not suitable for this device:

Make sure the firmware image selected is built for the connected device

7.13. Communication problem:

Firmware version did not change after updating the firmware, something may have gone wrong

7.14. Proxy Timeout:

System problem (try closing other windows programs to decrease system load)

7.15. Could not open device

The selected serial port is in use by another program



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