

## User manual

# 10.1" Industry Tablet PC

## Mobility Center on Agile series

- About Mobility Center and Mobility Center Camera
- Download and installation
- Features & settings of Mobility Center Utility
- Features & settings of Mobility Center Camera
- Interface Assignment

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# 1. General Information of this FAQ

The description in this user manual describes the following Mobility Center version or later ones.

Device:	Version:
Agile X IS	version 1.3.11.1076
Agile S / Agile S NI	version 1.3.11.1076



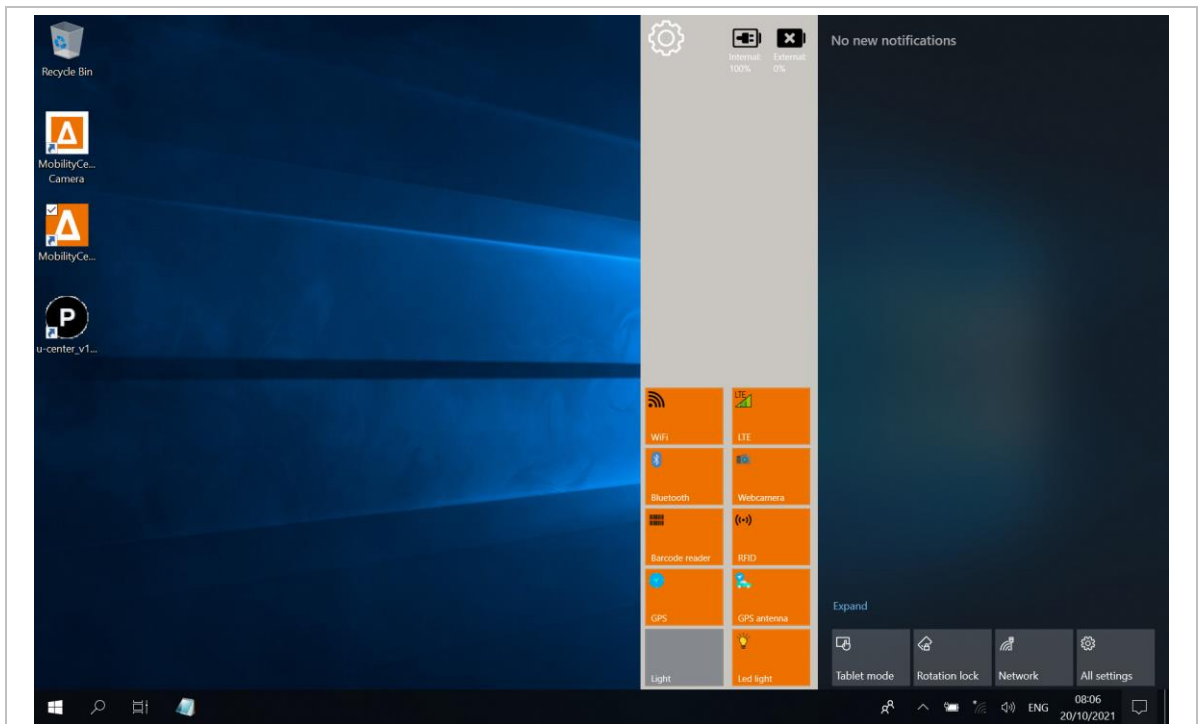
The installer of Mobility Center deploys a System Service and a Desktop Application.

The Service has access to the system registry and provides the ability to control all devices even when no user logged on.

The client application provides the user interface for the functions and settings. The client application lifecycle controlled by the System Service opens and closes it automatically. It is required to have a client and only one client application running, and it should run in the current user context. Everything is controlled by the service, if the user is logged off or the user is switched.

The Mobility Center supports also Remote Desktop.

Mobility Center is designed to be a quick access Utility. Therefore, the main user interface will be on the right side of the screen in combination with the Windows Info-Center. There are buttons to turn on and off the built-in modules (e.g. barcode scanner, RFID, Bluetooth, etc), a menu item for more detailed settings (barcode scanner, RFID, etc), and the battery status of the internal and external battery..



## 2. About Mobility Center Camera

The description in this user manual describes the following Mobility Center Camera version or later one.

Device:	Version:
Agile X IS	version 1.3.7.0
Agile S / Agile S NI	version 1.3.7.0

Mobility Center Camera is a side-loaded UWP application and provides an easy use for both cameras of the Tablet-PC.

To open the Mobility Center Camera you can click on the link icon on the desktop or you launch it thru the "start menu".

<p><b>Mobility Center Utility Icon</b></p>	
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## 3. Download and Installation

This chapter describes the required software that must pre-installed for the installation of the Mobility Center on the Agile tablets.

### 3.1 Required software

For use of Mobility Center utility following software is required.

Software and installation sequence	Required for Agile X-IS, Agile S and Agile S NI	Source of the software
1. Driver - WMMIO v3.1 <sup>WHQL</sup> for Windows 10 (64-Bit) The driver is necessary for use of the Mobility Center System Utility	Yes	BARTEC download page
2. Visual C++ Redistributable	Yes	Microsoft: <a href="https://docs.microsoft.com/en-us/cpp/windows/latest-supported-vc-redist">https://docs.microsoft.com/en-us/cpp/windows/latest-supported-vc-redist</a>
3. .Net Framework 4.7.2	Yes	Installed by default
4. Mobility Center System Utility	Yes	BARTEC download page
5. Mobility Center Camera Application	Yes	BARTEC download page



Check the installed Mobility Center utility and WMMIO driver version before you start the installation of the latest available version.

You can check the installed version:

**Mobility Center utility:**

- In Tablet settings under the category “Apps and features”
- In Mobility Center Utility under category “Settings”

**Mobility Center Camera application:**

- In Tablet settings under the category “Apps and features”

**WMMIO driver:**

- In device manager under category “System devices”

If the installed version is older than the new version then uninstall first before you start the installation.

Installing the application in a folder outside of „C:\Program Files”, be sure that containing folder is a secure location as described in the following Microsoft documentation:

<https://docs.microsoft.com/en-us/windows/security/threat-protection/security-policy-settings/user-account-control-only-elevate-uiaccess-applications-that-are-installed-in-secure-locations>

### 3.2 Download of WMMIO Driver

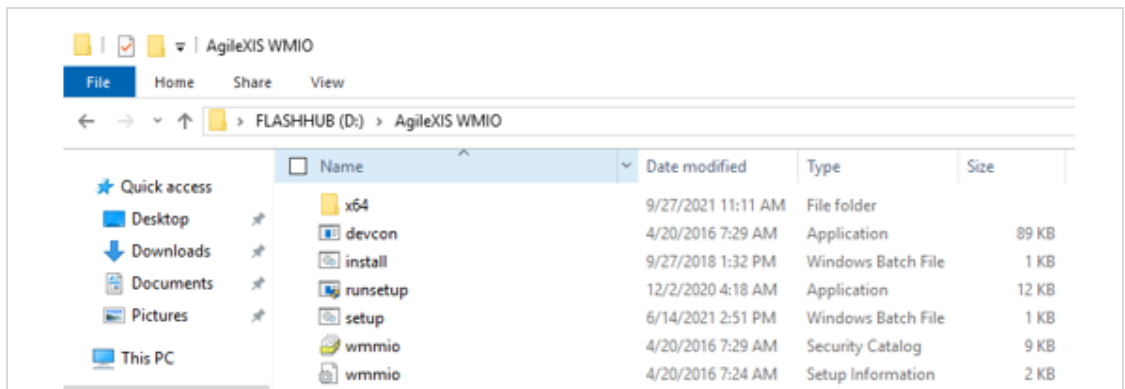
The latest version is available on the BARTEC download page.

<https://automation.bartec.de/tabletpcE.htm>

1. Select “**Agile X IS**” or “**Agile S NI**”.
2. Go to section “Driver”.
3. Download “**WMMIO Driver**”

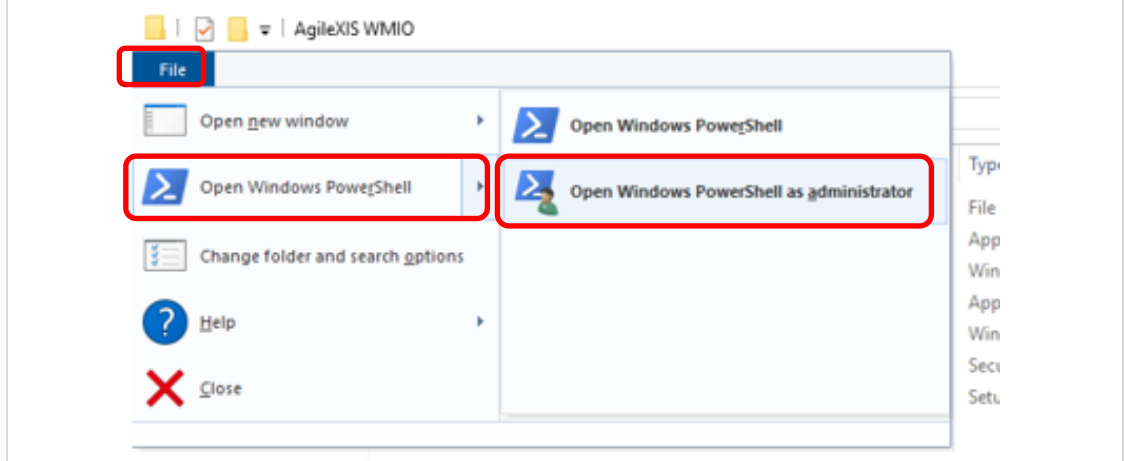
### 3.3 Installation of WMMIO driver

1. Download and extract the WMMIO driver package on your device.
2. Navigate to the WMMIO driver folder and start the Windows PowerShell console as an administrator.



Click on:

1. “**File**”
2. Open “**Windows PowerShell**”
3. Open “**Windows PowerShell as administrator**”



3. Write “**cmd**” in the Windows PowerShell to run the CMD console and press the “Enter” key.



- Write "install" (name of the batch file) in the Windows PowerShell to start the installation and press the "Enter" key.



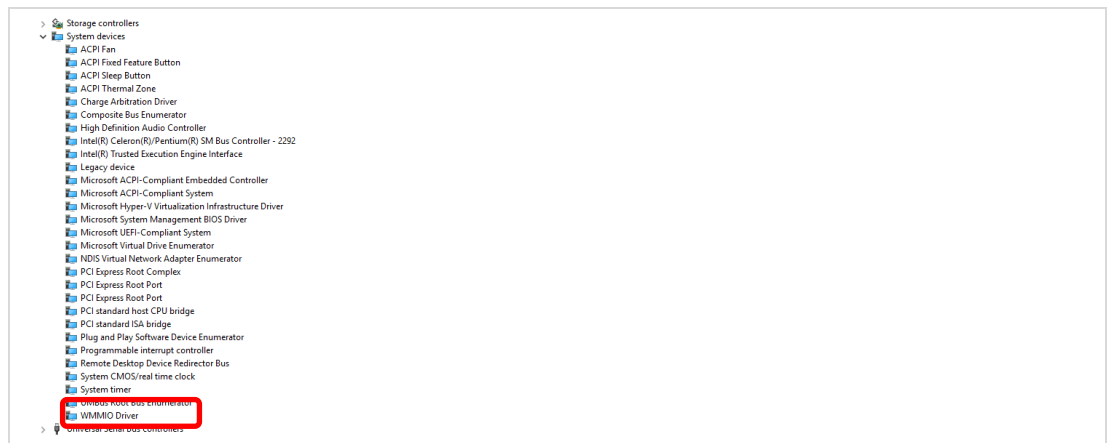
```
Administrator: Windows PowerShell
PS D:\AgileXIS WMMIO> cmd
Microsoft Windows [Version 10.0.17763.107]
(c) 2018 Microsoft Corporation. All rights reserved.
D:\AgileXIS WMMIO>install
```

- The installation will be finished automatically. Press the "Enter" key after the message appears that "Drivers installed successfully".



```
Administrator: Windows PowerShell
PS D:\AgileXIS WMMIO> cmd
Microsoft Windows [Version 10.0.17763.107]
(c) 2018 Microsoft Corporation. All rights reserved.
D:\AgileXIS WMMIO>install
```

- After the installation, a new device "WMMIO Driver" will appear in "Device Manager" under section "System devices".



### 3.4 Download of Mobility Center Utility and Mobility Center Camera

The latest version is available on the BARTEC download page.

<https://automation.bartec.de/tabletpcE.htm>

- Select "Agile X IS" or "Agile S NI"
- Go to section "Tools".
- Download the "Mobility Center System Utility" application. Mobility Center Camera is included in this package.

### 3.5 Installation of Mobility Center Utility



The Mobility Center Utility can be installed with two procedures:

- By use of Setup.exe file.
- Installation in the background (silent mode)

#### 3.5.1 Installation with "Setup.exe"

- Download and extract the Mobility Center package on your device.
- Navigate to the Mobility Center Utility folder.

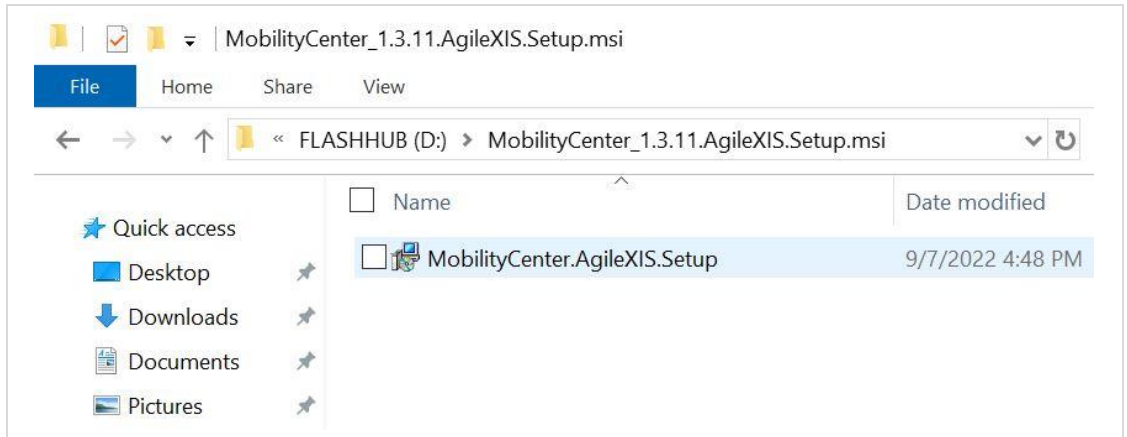
3. Start the installation of Mobility Center Utility with a double click on “MobilityCenter.AgileXIS.Setup.msi” or “MobilityCenter.AgileSNI.Setup.msi” file.

Agile X IS	Agile S / S NI
 MobilityCenter.AgileXIS.Setup.msi	 MobilityCenter.AgileSNI.Setup.msi

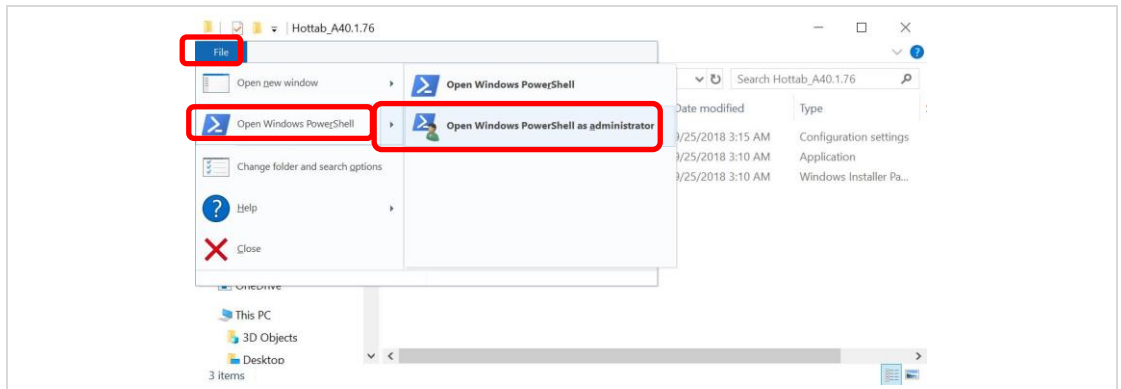
4. Follow the installation wizard.
5. Perform a reboot after finishing the installation.

### 3.5.2 Installation in the background (silent mode) with PowerShell (recommend for Windows 10)

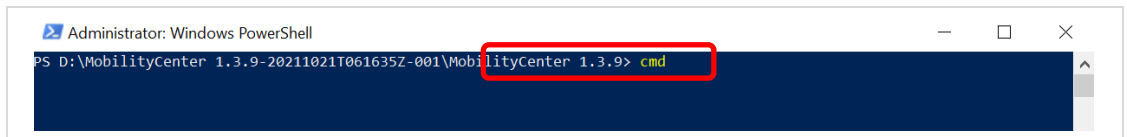
1. Download and extract the Mobility Center package on your device.
2. Navigate to the Mobility Center Utility folder.



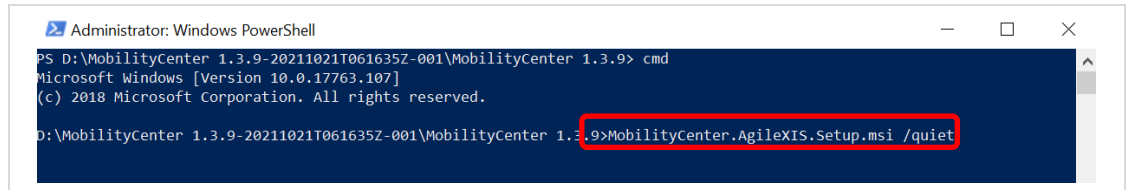
3. Open “PowerShell as administrator”.
  1. Click on “File”.
  2. Click on “Open Windows PowerShell”.
  3. Click on “Open Windows PowerShell as administrator”.



4. Write “cmd” in the Windows PowerShell to run the CMD console and press the “Enter” key.



5. Write "**MobilityCenter.AgileXIS.Setup /quiet**" or "**MobilityCenter.AgileSNI.Setup /quiet**" in the Windows PowerShell to start the installation and press the "Enter" key.



```
Administrator: Windows PowerShell
PS D:\MobilityCenter 1.3.9-20211021T061635Z-001\MobilityCenter 1.3.9> cmd
Microsoft Windows [Version 10.0.17763.107]
(c) 2018 Microsoft Corporation. All rights reserved.

D:\MobilityCenter 1.3.9-20211021T061635Z-001\MobilityCenter 1.3.9>MobilityCenter.AgileXIS.Setup.msi /quiet
```



No message will be displayed after successful installation.

The Mobility Center will automatically be displayed on the desktop.

After the installation or after re-start of the tablet the Mobility Center Utility needs approx. 10 seconds to start the required service in the background.

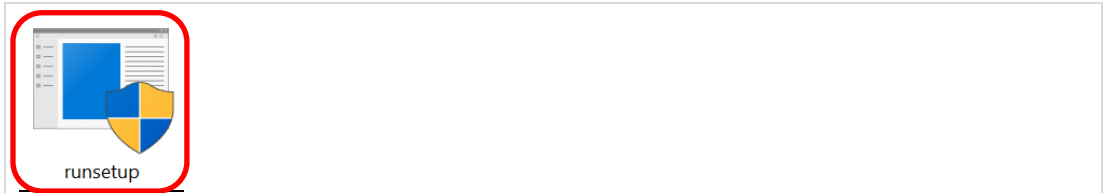
### 3.6 Installation of Mobility Center Camera

The Mobility Center Camera can be installed only with one procedure:

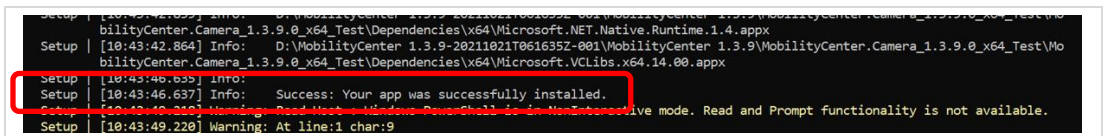
- By use of Setup.exe file.

#### 3.6.1 Installation with "Setup.exe"

1. Download and extract the Mobility Center package on your device.
2. Navigate to the Mobility Center Camera folder.
3. Start the installation of the Mobility Center Camera with a double click on "**runsetup**" file.



4. The installation runs in the Command prompt. After a successful installation appears a message.



```
Setup [10:43:42.864] Info: D:\MobilityCenter 1.3.9-20211021T061635Z-001\MobilityCenter 1.3.9\MobilityCenter.Camera_1.3.9.0_x64_Test\MobilityCenter.Camera_1.3.9.0_x64_Test\Dependencies\x64\Microsoft.VCLibs.x64.14.00.appx
Setup [10:43:48.855] Info: Success: Your app was successfully installed.
Setup [10:43:46.637] Info: Read-Host - Windows PowerShell - Read-Host functionality is not available.
Setup [10:43:49.228] Warning: At line:1 char:9
```


5. Perform a reboot after finishing the installation.


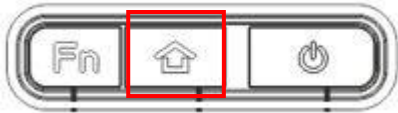
# 4. Mobility Center Utility

This chapter describes how to operate the Mobility Center Utility on the Agile tablets.

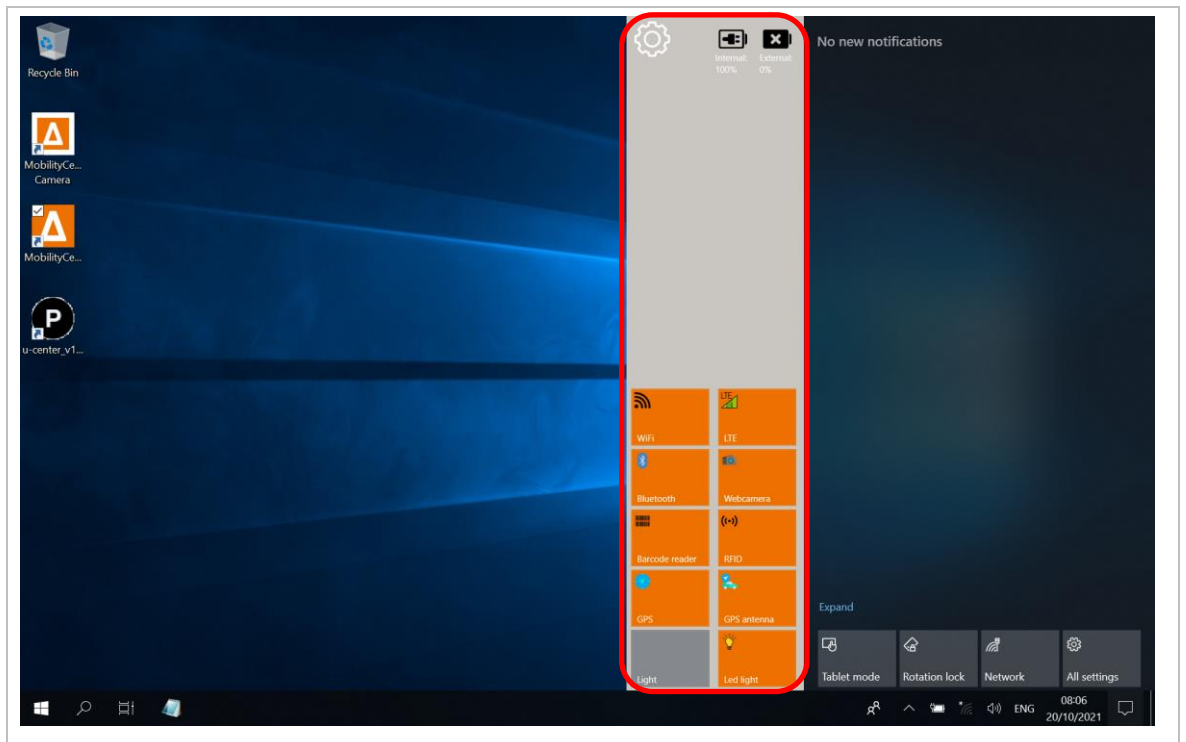
Mobility Center provides quick access to the tablet's functions and features, such as turning on/off LTE, Bluetooth, GPS, programming function key, and changing power management.


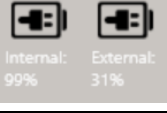

## 4.1 Mobility Center Introduction

To open the Mobility Center utility, execute the Mobility Center Utility on the desktop, press the  (Menu) Button located on the front panel or press the key combination on an external keyboard.

<p><b>Mobility Center Utility Icon</b></p>	
<p><b>Menu Button on the Front side</b></p>	
<p><b>Key combination</b></p>	<p>CTRL+ ALT + SHIFT + 0</p>

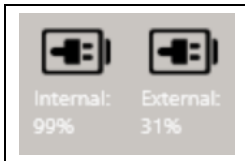
In the Mobility Center are three menu options on the main user interface. Operations and functions of each menu option are explained in detail in the next chapters.







Item	Description
	“Setting” button.
	Battery status of internal and external battery.
	Menu buttons to turn On/Off the built-in devices.

#### 4.2 Battery information

The battery power states are displayed in the upper right corner of the Mobility Center.



The batteries can have the following states:

Icon	Battery state
	The battery in use and charge.
	The battery in use and discharge.
	Battery discharged (empty).
	Battery not present (not built-in).

### 4.3 Built-in devices

In this menu devices like barcode scanner, RFID, camera, LTE, ect. can be turned on and off.






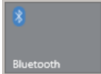

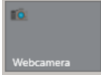

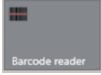

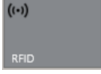

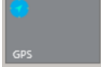



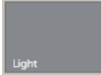


If the devices are turned off in the Mobility Center, they cannot be found by Windows and cannot be used. This can be helpful if you want to save battery life and certain modules are generally not needed. Then we recommend to turn them off here.

If modules like the barcode scanner and RFID are turned on then the hardware is visible to the operating system and the operating system and applications can access it.

The devices are generally displayed in the device manager.

Device specific settings e.g. for barcode scanner, RFID, touch, ect. can be made in the settings menu.

Other devices such as LTE are only turned on or off in the Mobility Center. However, the function and setting are handled out completely via the operating system.

Device	Enabled	Disabled	Note
WiFi			Enable by default. This menu is only relevant for Agile S / S NI. The menu does not have a function on Agile X IS device. The Wi-Fi module is completely handled by the operating system.
LTE (3G/4G)			Enable by default.
Bluetooth			Enable by default.
Webcam (Front and rear)			Enable by default.
Barcode reader			Enable by default.
RFID reader			Enable by default.
GPS			Enable by default.
GPS antenna			Enable by default. This menu is only relevant for Agile S / S NI. On Agile X IS no option available to connect an external GPS antenna.
Light (Flash)			Disable by default. This menu is only relevant for Agile X IS. The menu does not have a function on Agile S / S NI device.
LED light (Indicators)			Enable by default.

## 4.4 Settings of Mobility Center

This section describes where to find detailed information about the Tablet-PC, all available setting options in the Mobility Center, and how to use the individual devices.

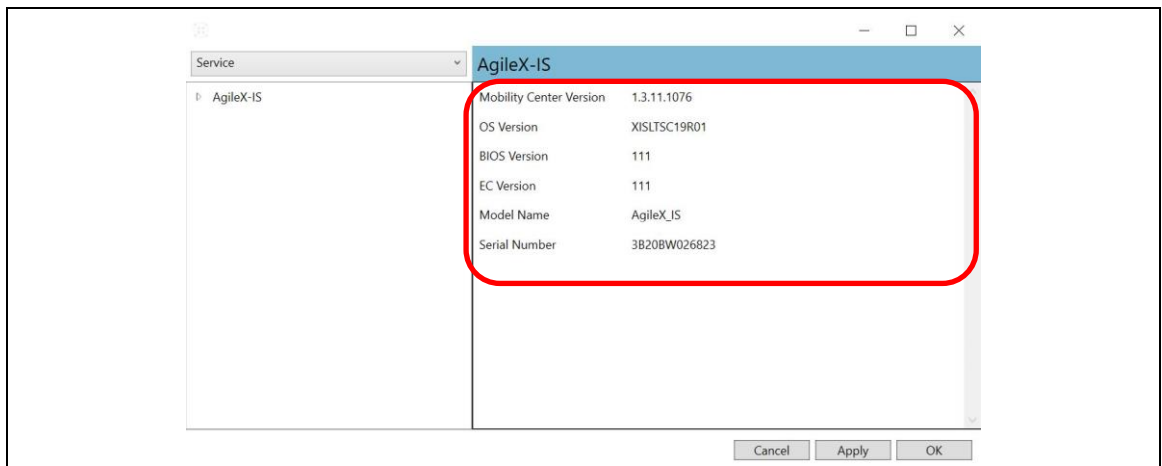
To open the Setting menu open the Mobility Center Utility and click on the “Setting” icon in the upper left corner.



### 4.4.1 General tablet information's

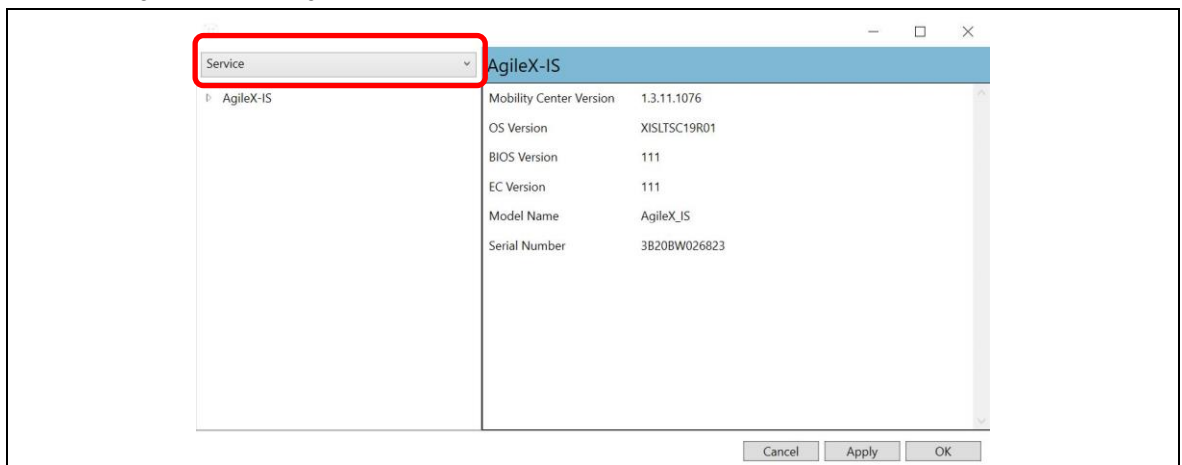
On the start screen of the setting, menu is all values of the Tablet-PC and software versions available. This information are relevant for every support case to give an insight into the installed versions on the Tablet-PC.

- Mobility Center version
- OS version (BARTEC name of the installed OS version)
- BIOS version
- EC version
- Model Name
- Serial Number



### 4.4.2 Parameters

All of the Mobility center settings are stored in parameters. These parameters are stored in the Registry and can be changed to pre-configure a new device.



All of the settings in the Mobility Center are stored as two different parameters:

Parameter	Description
<b>System-level parameters</b>	<p>These parameters are stored in “Local Machine” Registry and it is common for all users. If someone changes something, it will apply to everybody. These types of parameters are usually hardware-level parameters, where it is not expected to have a difference between users.</p> <p>In addition, the default values of the user parameters are stored here. A new user will get these settings as default.</p> <p>The storage location of “Local Machine”: Computer\HKEY_LOCAL_MACHINE\SOFTWARE\BARTEC\Service</p>
<b>User-level parameters</b>	<p>These parameters are stored in the “Current User” Registry and can be different for all users. These very specific parameters can vary in different working roles.</p> <p>The storage location of “Current User”: Computer\HKEY_CURRENT_USER\Software\BARTEC\Service</p>
<p>Mobility Center will use the values of the “Current User”, if the current user has settings in the Registry. Otherwise, if the user has no settings in the Registry (deleted or new user), the Mobility Center uses the values from the “Local Machine” and creates a copy for the current user.</p>	

To change parameter:

1. Open the drop-down menu on the right side and select a parameter.

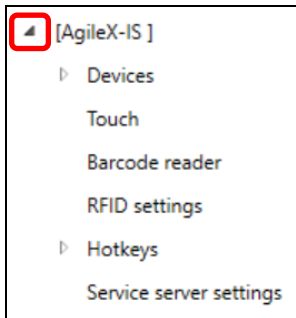
Parameter	Description
User	The most common parameters and can be setup by any user.
Advanced	Are not usually changed, but should be necessary to access it in some scenarios. This parameter can be set up by any user.
Administration	Can adjust device behavior and accessibility, only can change by user account who is part of the “Administrator” group.
Service	Are rarely change, only for setup or diagnostic purposes. Only can change by user account who is part of the “Administrator” group.

2. Save the change with click on “Apply” and “OK”.



### 4.4.3 Setting the main menu

To set up the built-in devices, touch, barcode reader, RFID reader Hotkeys or change the Service server setting expand the “[AgileX-IS]” with a click on the left arrow.

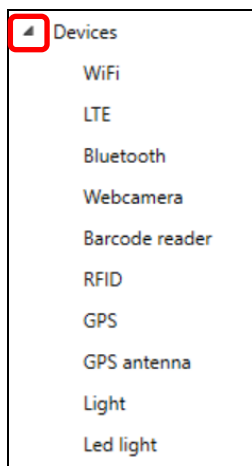


#### 4.4.3.1 Devices

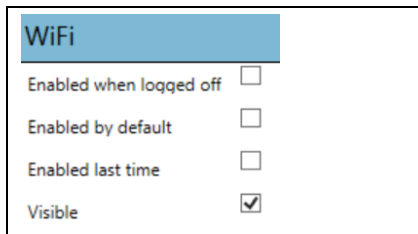
This chapter describes how to set up the enabling behavior and the visibility on the main user interface of the built-in device.

To set up a device:

1. Expand the „Devices“ with a click on the left arrow and select one device (e.g. WiFi).



2. Enable or disable the needed setting.



Setting	Description	Note
Enable when logged off	If this parameter is enabled, when no user logged-on, the device controller will enable the device.	This Parameter is stored in System level and can be change as Administrator.
Enable by default	If new user registered to Windows, this value will be the default state.	This parameter is stored in System level and can be change as Administrator.
Enable last time	Mobility Center keeps track of the device usage and restores it when the user logged-on again using this parameter.	This parameter is stored in User level and can be change as User.
Visible	Sets the device button visibility on the User interface.	This parameter is stored in System level and can be change as Administrator.

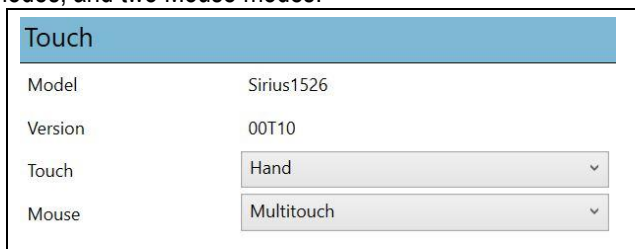
3. Save the change with click on “Apply” and “OK”.



On all devices, only “Visible” is enabled by default.  
**Exception:** On “Led light” is “Enable when logged off”, “Enable by default” and “Visible” enabled by default.

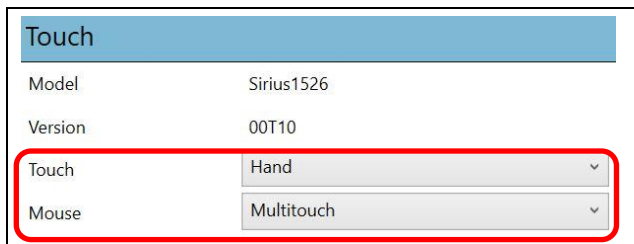
#### 4.4.3.2 Touch

The Tablet-PC offers in the touch settings the name and the version of the Touch Model, three different Touch modes, and two Mouse modes.



To select another Touch mode or Mouse mode:

1. Open the drop-down menu of Touch mode or Mouse mode and select a model.



	Mode	Description	Note
Touch Mode	Hand	Sensitive for hand input	This parameter is stored in User-level and can be changed by User. “Hand” mode by default.
	Pen	Sensitive for Stylus input	
	Gloves	The touch screen can be used by hand and with gloves.	
Mouse Mode	Mouse	In this mode, the touch screen emulates the mouse events.	This parameter is stored in User-level and can be changed by User. “Multitouch” mode by default.
	Multitouch	Regular touch screen mode with 10-finger tracking.	

#### 4.4.3.3 Barcode reader

This section describes the use and features of the built-in 1D/2D barcode scanner.

In the Barcode reader settings can the communication between the barcode reader and the Tablet-PC is handled, adding values to the scanned data or modifying the scanned data.

To use the Barcode reader:

1. Open the Mobility Center Utility
2. Check the status of the Barcode reader icon:

Device	Enabled	Disabled
Barcode reader		

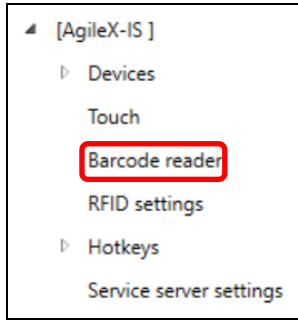
3. If the Barcode reader is disabled (grey), tap on the Barcode reader icon to enable (orange).
4. Close the Mobility Center Utility and open any application.
5. Scan a barcode with the “Fn” key on the back of the Tablet-PC. The Barcode reader runs in the Virtual keyboard input mode by default and sends the scanned data into the foreground application

To change the settings of the barcode reader:

1. Open the Mobility Center Utility and click on the “Setting” icon:



2. Expand the “[AgileX-IS]” menu and select “Barcode reader”.



3. Change or enable/disable the needed settings:

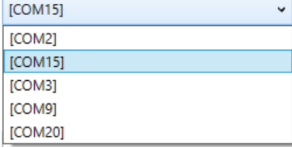
A screenshot of the 'Barcode reader' configuration page. The page has a blue header with the title 'Barcode reader'. Below the header, there are various settings:
 

- State: Run
- Reader mode: Virtual Keyboard (dropdown menu)
- Processed code: CODE39TEST
- Raw code: CODE39TEST
- Port: [COM15] (dropdown menu)
- Sound:
- Open URL:
- Prefix:
- Value:
- Suffix:
- Value:
- Add Enter:
- Add TAB:
- Regex Mode: Disabled (dropdown menu)
- Filter:
- Replace:
- Check repeat:
- repeat time:

	Mode	Description	Note
Reader mode	Normal	The port is only enabled for other applications. The device is not open.	This parameter is stored in User-level and can be changed by User. "Virtual keyboard" mode by default.
	Virtual keyboard	The port is enabled and the device is open. The received code is processed based as configured and sent to Windows as virtual keyboard input.	

Mode	Description	Note
Proceed code	Shows the code after format with the configuration setup.	

	Description	Note
Raw code	Shows the raw code without any formatting.	

	Description	Note
Port	Shows the used COM port of the barcode reader. <b>Do not change the COM port.</b> 	This parameter is stored in User-level and can be changed by User. “[COM15]” by default.

	Mode	Description	Note
Sound	Disable <input type="checkbox"/>	No audio (beep) when receiving a new barcode.	This parameter is stored in User-level and can be changed by User. Disabled by default.
	Enable <input checked="" type="checkbox"/>	Play audio (beep) when receiving a new barcode.	

	Mode	Description	Note
Open URL	Disable <input type="checkbox"/>	No open of the browser.	This parameter is stored in User-level and can be changed by User. Disabled by default.
	Enable <input checked="" type="checkbox"/>	Play audio (beep) when receiving a new barcode.	

	Mode	Description	Note
Prefix and value	Disable <input type="checkbox"/>	No Prefix.	This parameter is stored in User-level and can be changed by User. Disabled by default.
	Enable <input checked="" type="checkbox"/>	The value in the textbox below will be added to the beginning of the received code.	

	Mode	Description	Note
Suffix and value	Disable <input type="checkbox"/>	No Suffix.	This parameter is stored in User-level and can be changed by User. Disabled by default.
	Enable <input checked="" type="checkbox"/>	The value in the textbox below will be added to the end of the received code.	

	Mode	Description	Note
Add Enter	Disable <input type="checkbox"/>	No Enter.	This parameter is stored in User-level and can be changed by User. Disabled by default.
	Enable <input checked="" type="checkbox"/>	Add a new line character (CR+LF) to the end of the received code.	

	Mode	Description	Note
Add Tab	Disable <input type="checkbox"/>	No Tab.	This parameter is stored in User-level and can be changed by User. Disabled by default.
	Enable <input checked="" type="checkbox"/>	Add a Tab character to the end of the received code.	

	Mode	Description	Note
Regex Mode	Disabled	Code is not processed.	This parameter is stored in User-level and can be changed by User. Disabled by default.
	Filter	Part of the code, which is applied to the Filter pattern.	
	Replace	Replaces the part of the code, which is applied to the Filter pattern code with the value in the "Replace" textbox.	

	Description	Note
Filter	Filtering Regex pattern.	This parameter is stored in User-level and can be changed by User. Empty by default.

	Mode	Description	Note
Check repeat	Disable <input type="checkbox"/>	No repeat of the code.	This parameter is stored in User-level and can be changed by User. Disabled by default.
	Enable <input checked="" type="checkbox"/>	The received code will be held back for the seconds in the "repeat time" textbox.	

4. Save the change with a click on "Apply" and "OK".




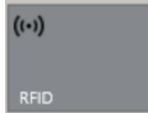
#### 4.4.3.4 RFID reader

This section describes the use and features of the built-in RFID reader.

In the RFID reader settings can the communication between the RFID reader and the Tablet-PC handled, adding values to the scanned data or modifying the scanned data.

To use the RFID reader:

1. Open the Mobility Center Utility
2. Check the status of the RFID reader icon:

Device	Enabled	Disabled
RFID reader		

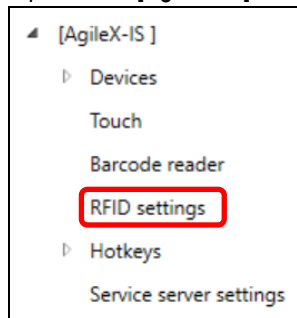
3. If the RFID reader is disabled (grey), tap on the RFID reader icon to enable (orange).
4. Close the Mobility Center Utility and open any application.
5. Read an RFID tag withhold an RFID tag on the NFC symbol on the front of the Tablet-PC. The RFID reader runs in the Virtual keyboard input mode by default and sends the reading data into the foreground application.

To change the settings of the barcode reader:

1. Open the Mobility Center Utility and click on the "Setting" icon:



2. Expand the "[AgileX-IS]" menu and select "RFID settings".



3. Change or enable/disable the needed settings:

**RFID settings**

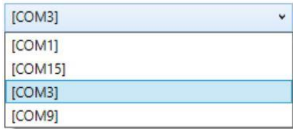
State	Standby
Model	
Version	
Reader mode	Virtual Keyboard ▾
Processed code	
Raw code	
Read mode	Continous ▾
Port	[COM3] ▾
Sound	<input type="checkbox"/>
Open URL	<input type="checkbox"/>
Prefix	<input type="checkbox"/>
Value	<input type="text"/>
Suffix	<input type="checkbox"/>
Value	<input type="text"/>
Add Enter	<input type="checkbox"/>
Add TAB	<input type="checkbox"/>
Regex Mode	Replace ▾
Filter	<input type="text"/>
Replace	<input type="text"/>
Check repeat	<input type="checkbox"/>
repeat time	<input type="text" value="5"/>

	Mode	Description	Note
Reader mode	Normal	The port is only enabled for other applications. The device is not open.	This parameter is stored in User-level and can be changed by User. "Virtual keyboard" mode by default.
	Virtual keyboard	The port is enabled and the device is open. The received code is processed based as configured and sent to Windows as virtual keyboard input.	

Mode	Description	Note
Proceed code	Shows the code after format with the configuration setup.	

Mode	Description	Note
Raw code	Shows the raw code without any formatting.	

	Mode	Description	Note
Read mode	One	The RFID reader can read only one tag and turn it off in the Mobility Center Utility after the first read. To read the next RFID tag re-enable the RFID reader (chapter 4.1.7.4)	This parameter is stored in User-level and can be changed by User. "Continuous" by default.
	Continuous	The RFID reader can read several RFID tags successively without turning off after the first read.	

	Description	Note
Port	Shows the used COM port of the RFID reader. <b>Do not change the COM port.</b> 	This parameter is stored in User-level and can be changed by User. "[COM3]" by default.

	Mode	Description	Note
Sound	Disable <input type="checkbox"/>	No audio (beep) when receiving new tag data.	This parameter is stored in User-level and can be changed by User. Disabled by default.
	Enable <input checked="" type="checkbox"/>	Play audio (beep) when receiving new tag data.	

	Mode	Description	Note
Open URL	Disable <input type="checkbox"/>	No open of the browser.	This parameter is stored in User-level and can be changed by User. Disabled by default.
	Enable <input checked="" type="checkbox"/>	Play audio (beep) when receiving new tag data.	

	Mode	Description	Note
Prefix and value	Disable <input type="checkbox"/>	No Prefix.	This parameter is stored in User-level and can be changed by User. Disabled by default.
	Enable <input checked="" type="checkbox"/>	The value in the textbox below will add to the beginning of the received tag data.	

	Mode	Description	Note
Suffix and value	Disable <input type="checkbox"/>	No Suffix.	This parameter is stored in User-level and can be changed by User. Disabled by default.
	Enable <input checked="" type="checkbox"/>	The value in the textbox below will added to the end of the received tag data.	

	Mode	Description	Note
Add Enter	Disable <input type="checkbox"/>	No Enter.	This parameter is stored in User-level and can be changed as User. Disabled by default.
	Enable <input checked="" type="checkbox"/>	Add a new line character (CR+LF) to the end of the received tag data.	

	Mode	Description	Note
Add Tab	Disable <input type="checkbox"/>	No Tab.	This parameter is stored in User-level and can be changed by User. Disabled by default.
	Enable <input checked="" type="checkbox"/>	Add a Tab character to the end of the received tag data.	

	Mode	Description	Note
Regex Mode	Disabled	Tag is not processed.	This parameter is stored in User-level and can be changed by User. Disabled by default.
	Filter	Part of the tag, which is applied to the Filter pattern.	
	Replace	Replaces the part of the tag data, which applies to the Filter pattern and replace it with the value in the "Replace" textbox.	

	Description	Note
Filter	Filtering Regex pattern.	This parameter is stored in User-level and can be changed by User. Empty by default.

	Mode	Description	Note
Check repeat	Disable <input type="checkbox"/>	No repeat of the tag.	This parameter is stored in User-level and can be changed by User. Disabled by default.
	Enable <input checked="" type="checkbox"/>	The received tag will be held back for the seconds in the "repeat time" textbox.	

5. Save the change with a click on "Apply" and "OK".



#### 4.4.3.5 Hotkeys

This section describes the function of the Hotkeys and how to set up with a customize use case.

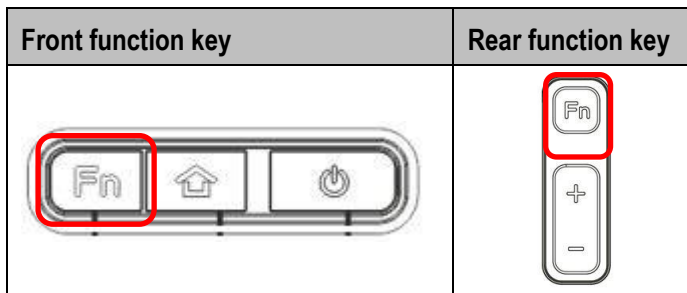
In the Hotkeys, settings can do customized settings for the physical function buttons on the device for different use scenarios.



Both function keys can be pressed for a short and long time.

Pressing the function key for more than 3 seconds is considered as a long press.

If the Barcode reader is enabled, the Rear function key is disabled and will be used only for triggering the barcode reader.

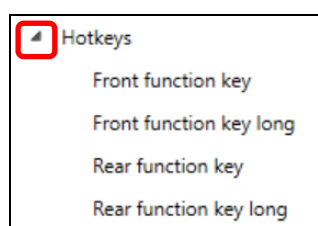


To set up a function key:

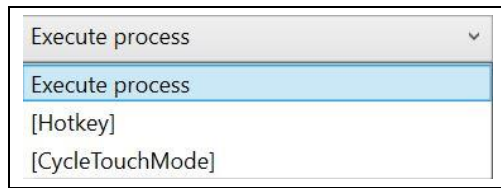
1. Open the Mobility Center Utility and click on the "Setting" icon:



2. Expand the „Hotkeys“ menu with a click on the left arrow keys and select one of the four function key options.



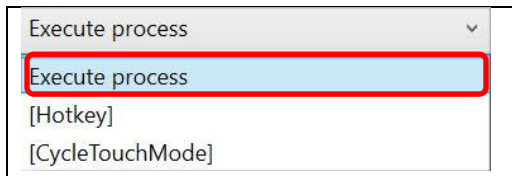
For each function, key are three “Key type” options available.



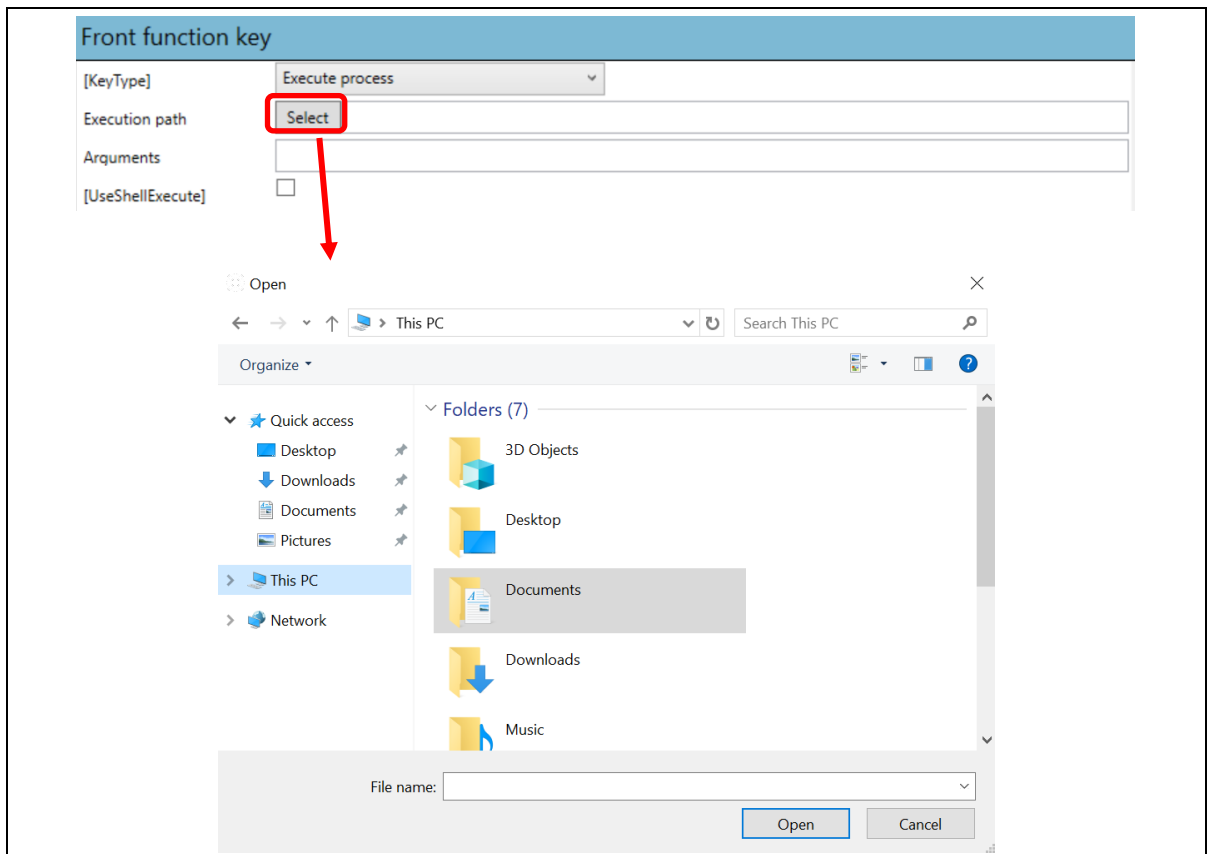
Setting	Option	Description	Note
[KeyType]	Disabled	Not handling button press.	This Parameter is stored in User-level and can be changed by User. “Execute process” by default.
	Execute process	Executes an application in user context.	
	[Hotkey]	Send a virtual Hotkey press and release to Windows.	

To execute a customized application with a function key:

1. Open the drop-down menu and select “Execute process” as the key type.



2. Click on “Select”, browse to the path of the application to be executed and double-click on the application.



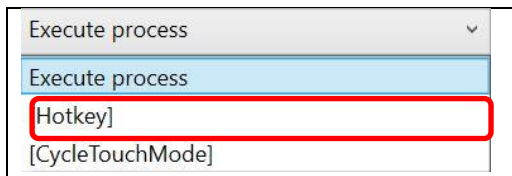
Setting	Description	Note
Execution path	Open the browser to select an application.	This parameter is stored in the System level and can be changed by Administrator. Empty by default.
Arguments	Arguments passed to the executed application.	This parameter is stored in User-level and can be changed by User. Empty by default.
[UseShellExecute]	Disable [UseShellExecute] <input type="checkbox"/>	Normal execute of the application.
	Enable [UseShellExecute] <input checked="" type="checkbox"/>	Runs the application with Shell execute. Required in some customized cases, for example opening an URL.
		This parameter is stored in System-level and can be changed by Administrator. Disabled by default.

3. Save the change with a click on “Apply” and “OK”.



To send a virtual Hotkey with the function key:

1. Open the drop-down menu and select “[Hotkey]” as key type.



2. Enable/disable the needed settings or select a “[Key]” in the drop-down menu:

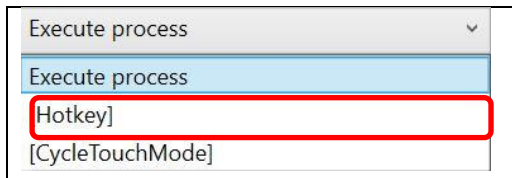
Setting	Description	Note	
[Alt] [Ctrl] [Shift]	Disable [Alt] <input type="checkbox"/> [Ctrl] <input type="checkbox"/> [Shift] <input type="checkbox"/>	No sending of a key.	These parameters are stored in the System level and can be changed by Administrator. All are disabled by default.
	Enable [Alt] <input checked="" type="checkbox"/> [Ctrl] <input checked="" type="checkbox"/> [Shift] <input checked="" type="checkbox"/>	Alternation key for the Hotkey press	
[Key]	Open the drop-down menu to select the key to send. 	This parameter is stored in System-level and can be changed by Administrator.	

3. Save the change with a click on “Apply” and “OK”.



To change the touch mode with the function key:

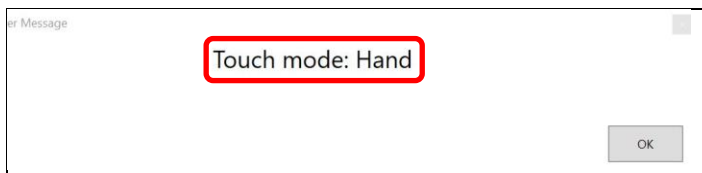
1. Open the drop-down menu and select “[CycleTouchMode]” as key type.



2. Save the change with a click on “Apply” and “OK”.

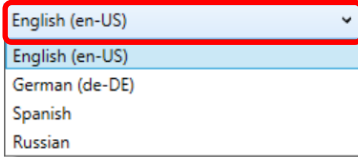


3. When press the function key, the touch mode will change and a message with the current selected touch mode appears. Touch mode: **Hand**, **Pen** or **Gloves** is available.



#### 4.4.3.6 Service server settings

In the Service server settings, you can do a customized setup of the service.

Setting	Description	Note
State	Shows the current status of the Mobility Center Utility.	This parameter is stored in User-level and can be changed by User.
Address		This parameter is stored in User-level and can be changed by User.
Language	To select another service language open the drop-down menu and select a language. 	This parameter is stored in User-level and can be changed by User. English (en-US) by default.



## 5. Mobility Center Camera

The Mobility Center Camera allows taking pictures and recording videos with the front and back camera of the Agile X IS, Agile S and Agile S NI.

Before opening the Mobility Center Camera, make sure the Web camera is turned on in the Mobility Center Utility.






To use the Mobility Center Camera:

1. Open the Mobility Center Utility
2. Check the status of the Web camera icon:

Device	Enabled	Disabled
Web camera (Front and rear)		

3. If the Web camera is disabled (grey), tap on the Web camera icon to enable (orange) it.
4. Close the Mobility Center Utility and open the Mobility Center Camera Application.



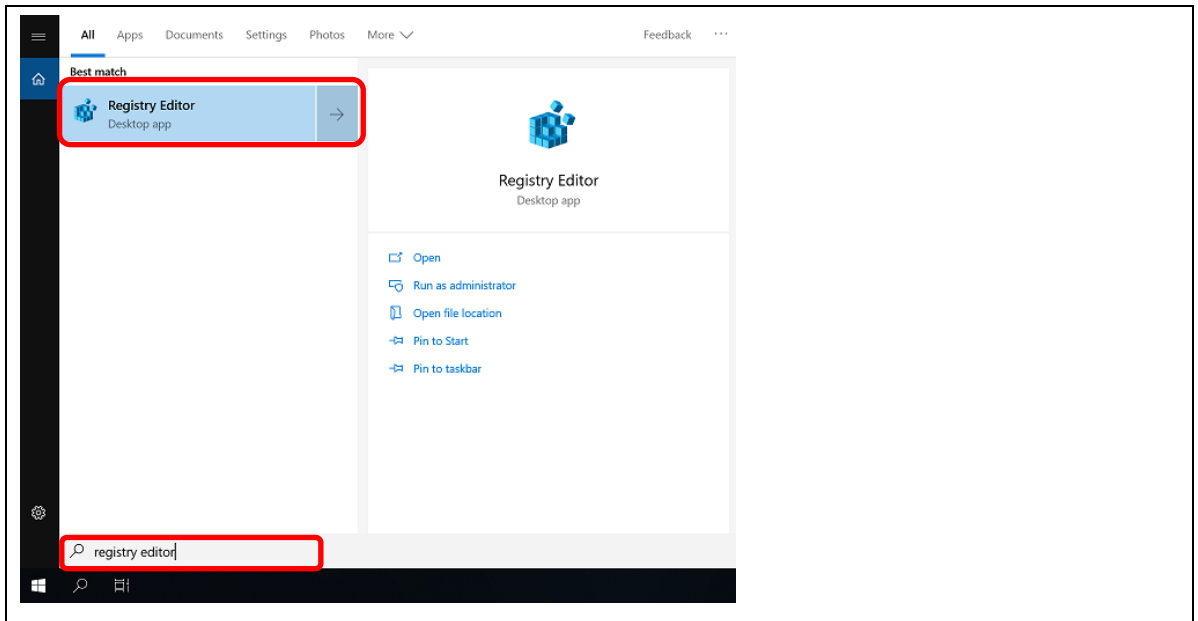
Setting	Description
	Switch between front camera and rear camera.
	Switch between normal mode and Anti-shaking mode.
	Camera Shutter Button. Tap to take a picture.
	Video Record Button. Tap to start recording and tap again to stop recording.
	Enable/Disable LED Flash when taking pictures. Only available for the rear camera.

## 6. Share configuration to other Agile tablets

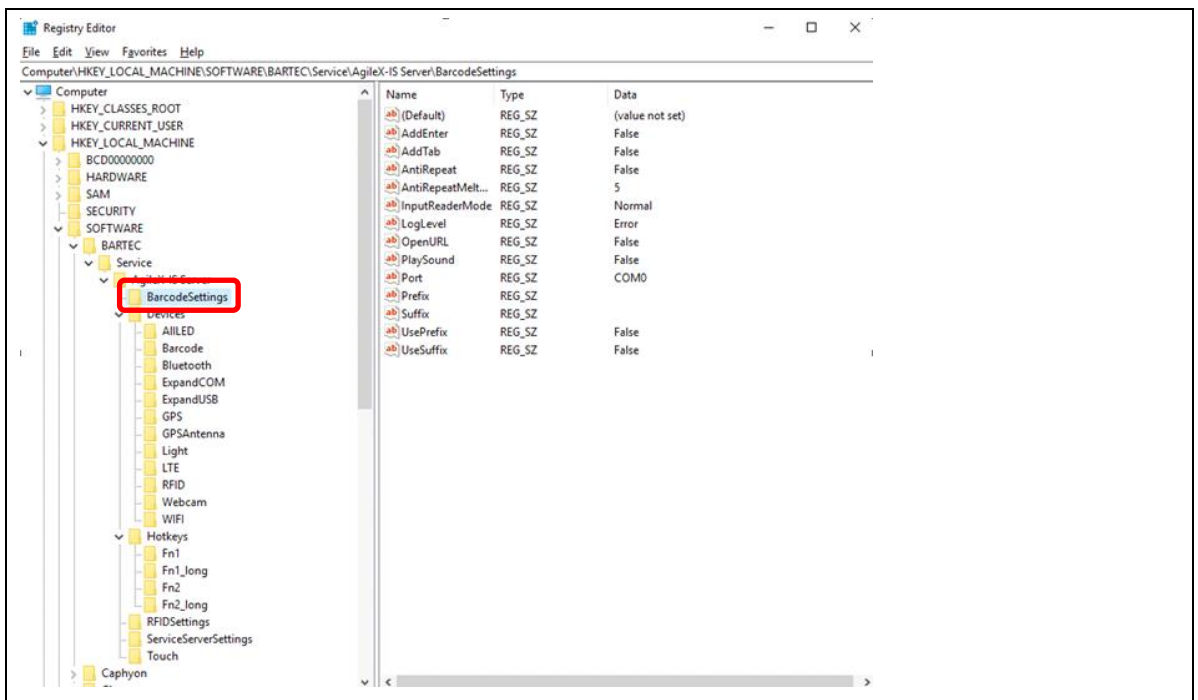
Mobility Center offers the opportunity to set up one preconfigured Agile tablet and share all the preconfigured settings in the Mobility Center easily to all other Agile tablets, to save a lot of time.

To share the settings with other Agile tablet devices, you need to do the setup on a reference device and configure the settings as administrator.

1. Open the Registry Editor with type “registry editor” in the Windows search bar and select the Registry Editor.

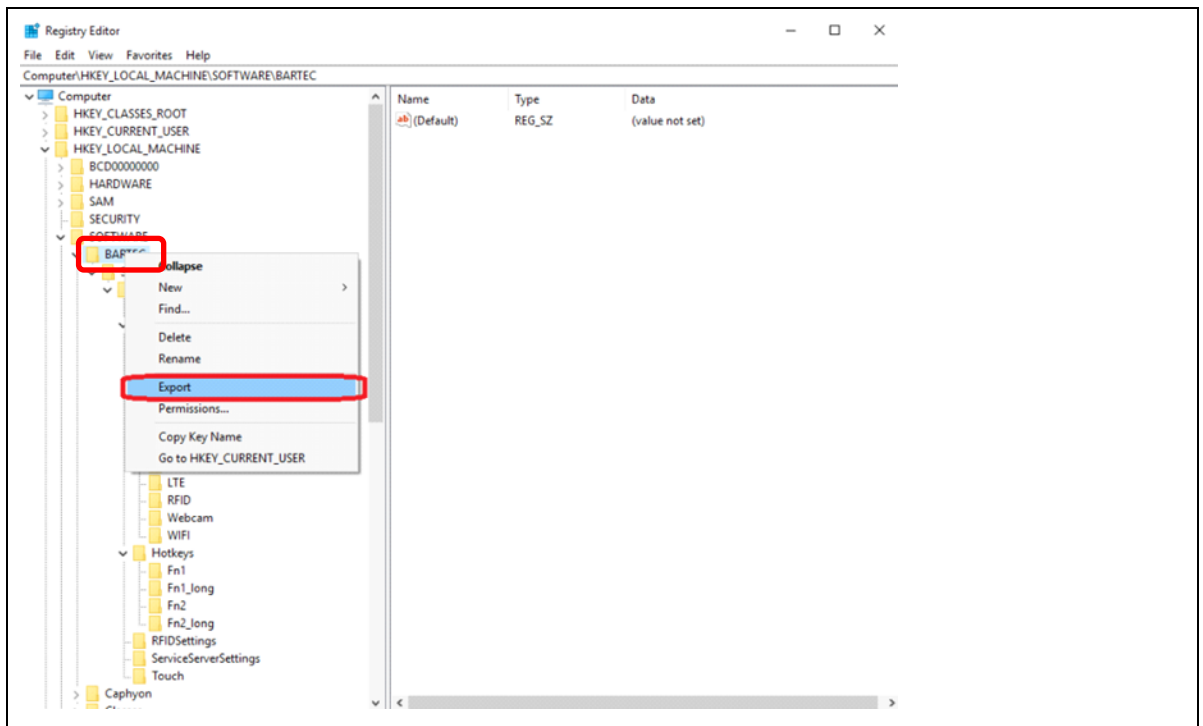


2. Browse to the following Registry: “LOCAL MACHINE” → “SOFTWARE” → “BARTEC” → “Service” → “AgileX-IS Server” or “AgileS-NI Server”



3. Make all needed settings on the reference device.

- Click right on the “BARTEC” root folder and export the registry file with “.reg” ending on the device.



- Install the Mobility Center on a new device.
- Copy the registry file from the reference device to the new device.
- Open the Registry Editor on the new device.
- Click on “File” and “Import...”, browse to the registry file, and import the registry file.
- Close the Registry Editor and restart the Tablet-PC to apply the settings.

## 7. Interface Assignment

All modules that are built-in and managed via Mobility Center are internally connected to COM ports.

Following is the interface list and what modules are assigned to each COM port.

COM-Port	Module/ Connection	Description	
		Agile X NI	Agile S / Agile S NI
COM 2	RS232 I/O	RS232 expansion port on back sight	not available (no expansion port)
COM 3	HF Reader	Optional built-in RFID HF reader (Sunion RF521 reader)	Optional built-in RFID HF reader (Sunion RF521 reader)
COM 5	WWAN module	Optional built-in LTE module (Gemalto PLS8-EU or PLS8-US)	Optional built-in LTE module (Sierra Wireless MC7455)
COM 6	WWAN module	Optional built-in LTE module (Gemalto PLS8-EU or PLS8-US)	Optional built-in LTE module (Sierra Wireless MC7455)
COM 7	WWAN module	Optional built-in LTE module (Gemalto PLS8-EU or PLS8-US)	Optional built-in LTE module (Sierra Wireless MC7455)
COM 9	GPS	For built-in GPS module (ublox NEO-M8 series)	For built-in GPS module (ublox NEO-M8 series)
COM 11	RS232 I/O	RS232 connector on the docking station	RS232 connector on the docking station
COM 12	-	Reserved (actual not in use)	not available
COM 15	Barcode Reader	Optional built-in 1D/2D barcode reader (Zebra SE4500-SR)	Optional built-in 1D/2D barcode reader (Honeywell N660x)
COM 20	External Interface	Expansion port for HART Add-On module (RFID UHF )	not available (no expansion port)
COM 21	-	Reserved (actual not in use)	not available
COM 34	-	Reserved (actual not in use)	not available