



REAL SMART HOME

REAL SMART HOME GmbH

APPMODULE

AGFEO-Connect

Smarthome App
Documentation

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1 INTRODUCTION

Thank you for your trust and the purchase of the **AGFEO Connect** app for the BAB **APP**MODULE. With the **AGFEO Connect** App you can control the AGFEO IP-Video TFE 1 door station via KNX command. This allows you to change the digital bell label, trigger signal tones or text notification.

This documentation will help you get started with the Smarthome App and aims to improve your setup experience.

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IMPORTANT INFORMATION ON THE OPERATING INSTRUCTIONS

We reserve the right continually improve the product. This entails the possibility that parts of this documentation might be out-of-date. You will find the latest information at:

www.bab-appmarket.de

This app is an independent product, with no legal ties to AGFEO. Neither **BAB APP MARKET** GmbH or the developer of this app take any claim in the trademarks owned by AGFEO.

2 FUNCTIONAL OVERVIEW

The unique AGFEO IP-Video TFE 1 is more than just a simple door station. It is equipped with a digital doorbell label in which you can display company logos, texts or pictures. You can now control the image, sound and text output via KNX command. For example, you can easily leave a message for the parcel carrier by triggering your "Leaving Home" scene.

HIGHLIGHTS

- Ringer signal transmission to KNX
- Text display switchable via KNX
- Image display switchable via KNX

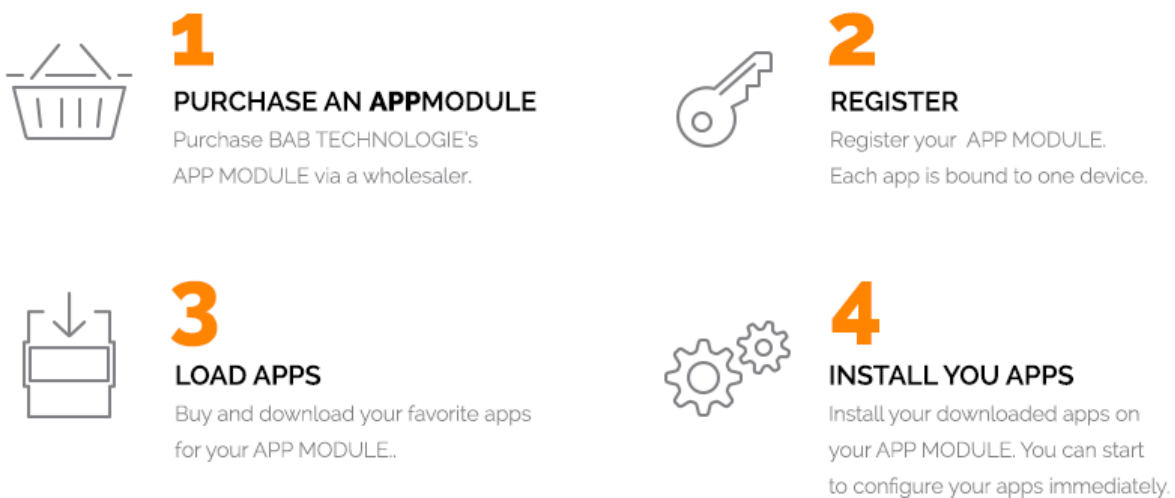
Supported:

- Status feedback "Bell"
- Changing the background image via KNX telegram
- Triggering of events (text and advisory tone output)

3 THE INNOVATIVE, MODULAR APP-CONCEPT FOR THE BUILDING AUTOMATION

The innovative, modular app concept for building automation. The **APPMODULE** brings the innovative, modular app concept into building automation. You can mix and match any of the diverse applications that are available to ingrate third-party solutions. With these apps from the dedicated **BAB APP MARKET**, the **APPMODULE** becomes a tailor-made integration unit for your building automation.

HOW IT WORKS



Manufacturer of the **APPMODULE** [BAB TECHNOLOGIE GmbH](#)

Distribution of all Smarthome Apps for the **APPMODULE** [BAB APP MARKET GmbH](#)

Smarthome App developer [REAL SMART HOME GmbH](#)

3.1 INFORMATION ABOUT THE APPMODULE

Please refer to the separate product documentation of the **APPMODULE** for a detailed product description and setup instructions.

http://www.bab-tec.de/index.php/download_de.html

Product variants:

The **APPMODULE** is available in three variants:

- **APPMODULE** KNX/TP – for stand-alone use on KNX/TP Bus
- **APPMODULE** EnOcean – for stand-alone use in the EnOcean wireless network
- **APPMODULE** IP – for use in an IP-based KNX installation (KNXnet/IP) or as extension for an EIBPORT.

4 SMARTHOME APP INSTALLATION / UPDATE

Please proceed as follows to install a Smarthome App.

1. Open the **APPMODULE** web page: Enter <IP Address of **APPMODULE** > into your browser's address bar and press Enter. The **APPMODULE** web interface will appear.
2. Log in with your user credentials. Please refer to the **APPMODULE** documentation for login details.
3. Click on the menu entry "App Manager"
4. You are now on the page where already installed Smarthome Apps are listed. The list will be empty if no Smarthome Apps have been installed. Click "Install App" in order to install a new Smarthome App.
5. Now click on "Select App"; a file selector window will appear. Choose the Smarthome App » **AGFEO Connect** « and click "OK".

The Smarthome App » **AGFEO Connect** « must first be downloaded from the **BAB APPMARKET** (www.bab-appmarket.de).

After the message "Installation successful" appears, click "OK". You are ready to configure the Smarthome App.

To update a Smarthome App manually you have to proceed as follows

1. To update an already installed Smarthome App, click on the App icon in the "App Manager".
2. The detail view of the Smarthome App appears. Click on "Update App" to select the Smarthome App package and start the update. The update version must be downloaded from the **BAB APPMARKET**.

After the message "Installation successful" appears, click "OK". The Smarthome App has been updated. Your instance configurations will remain unchanged.

The Smarthome App can also be updated directly in the web interface. Without having to download the Smarthome App from the **BABAPPMARKET** first.

In the "App Manager" available Smarthome App updates are reported

Information

To configure the Smarthome App please use Google Chrome.

5 APP SETTINGS

The unique AGFEO IP-Video TFE 1 is more than just a simple door station. It is equipped with a digital doorbell label in which you can display company logos, texts or pictures. You can now control the image, sound and text output via KNX command. For example, you can easily leave a message for the parcel carrier by triggering your "Leaving Home" scene.

5.1 AGFEO IP VIDEO TFE

Note:

After inactivity of 60 minutes the browser session is automatically closed. Unsaved changes will be lost.

As soon as the app is installed, you can create so called "Instance". An Instance is one of several objects of the same class.

In order to create an instance, click on the symbol "Create Instance".

Instance Name

Choose a name for this new instance.

Comment

Insert a description of function what this instance does.

5.2 CONFIGURATION OF NETWORK PARAMETERS

IP address device

Enter the IP address of the AGFEO device.

For the configuration, please turn on the device!

5.3 VERSION

Version

Required input, enter information of used version. If no other version is available, please enter the default value "V1".

5.4 USER SETTINGS

User name

Required input, enter user name (default = apiadmin).

Password

Please enter user password.

5.5 CONFIGURATION DISPLAY

Background image (EIS14 0...255)

Enter the group address of an integer value between 1 and 10 for the pictures stored on the device.

Current background image (EIS14 0...255)

Enter the group address of an integer value between 1 and 10 for the pictures currently displayed.

5.6 CONFIGURATION NOTIFICATION

Trigger of the KNX events (EIS14 0...255)

Enter the group address which processes webcallbacks.

Text messages

Here are configured the text messages that are sent to the device.

When this function is activated by "Add", "Copy" or "Edit", a window opens to configure the text messages.

ID

Enter integer identifying for text message (message number).

Displayed name

Enter a display name for the message.

Text line 1,2 and 3

Enter text that appears on the respective message line.

Display duration of the message in seconds

Here can be configured duration of display of the message.

Display sound (1-5)

Here can be selected the sound to be played with the message (sounds in the AGFEO device 1-5).

Volume of display sound (1-10)

Here can be configured the volume for played sound of the message (1-10).

Repeat sound

Here can be specified whether the sound should be repeated for the display duration.
The changes to the text messages only take effect after saving.

Save Instance

That the changes become effective they have to be saved into the device.

6 ATTACHMENT

6.1 DATAPOINT TYPES

function	EIS type	DPT	typical function	typical values	data	identifier
PriorityPosition	EIS1	DPT 1*	Wind alarm	1=high and inhibit	1 Bit	1-bit
Switch	EIS1	DPT 1*	Light switching	0=Off; 1=On	1 Bit	1-bit
DimControl	EIS2	DPT 3*	Dimming	0=Off; 1=On xxx=relative dimming 0-255=absolute dimming	1Bit 4Bit 8Bit	3-bit controlled
Time	EIS3	DPT 10*	Time	hh:mm:ss	3Byte	Time
Date	EIS4	DPT 11*	Date	dd:mm:yyyy	3Byte	Date
Value	EIS5	DPT 9*	Float Value IEEE	[-671088.64 ... 670760.96]	1Byte	2-byte float value
DimValue	EIS6	DPT 5*	Percent	0...100%	1Byte	8-bit unsigned value
DriveBlade Value	EIS6	DPT 5*	Angle value	0...100%; 0...255	1Byte	8-bit unsigned value
DriveShutter Value	EIS6	DPT 5*	Position value	0...100%; 0...255	1Byte	8-bit unsigned value
Position	EIS6	DPT 5*	Control value Heating	0...100%; 0...255	1Byte	8-bit unsigned value
DriveMove	EIS7	DPT 1*	Move shutter	0=up; 1=down	1Bit	1-bit
DriveStep	EIS7	DPT 1*	Adjusting the slat	0=up; 1= down; 0 or 1 during movement=stop	1Bit	1-bit
PriorityControl	EIS8	DPT 2*	Priority	0,1 switch; 3=forced off; 4=forced on	2Bit	1-bit controlled
FloatValue	EIS9	DPT 14*	IEEE	Floating-point value	4Byte	4-byte float value
Counter 16bit	EIS10	DPT 7*	Counter 16 bit	0 ... 65.535	2Byte	2-byte unsigned value
Counter 16bit	EIS10	DPT 8*	Counter 16 bit signed	-32.768 ... 32.767	2Byte	2-byte signed value
Counter 32bit	EIS11	DPT 12*	Counter 32 bit	0 ... 4.294.967.295	4Byte	4-byte unsigned value
Counter 32bit	EIS11	DPT 13*	Counter 32 bit signed	-2.147.483.648 ... +2.147.483.647	4Byte	4-byte signed value
Access Control	EIS12	DPT 15*	Access control	Card number	4Byte	Entrance access
Char	EIS13	DPT 4*	ASCII characters	Character	1Byte	Character
Counter 8bit	EIS14	DPT 5*	Value	0 ... 255	1Byte	8-bit unsigned value
Counter 8bit	EIS14	DPT 6*	Value signed	-128 ... 127	1Byte	8-bit signed value
String	EIS15	DPT 16*	String	max. 14 characters	14 Byte	Character string

EIB/KNX devices exchange fixed prescribed data formats with each other. These are defined in types. The old designations of the types are EIS (EIB Interworking Standard) The new designations are DPT (Data Point Type)