

Sigfox demonstrator for Arrow using ST Smartag1 Registering

Registering your device to the app

Every device has to be registered to the app. The purpose is to link the device to a user. This means, that you only see the data of your device in hands within your cell phone app. You can do this process best with your cell phone and an existing internet connection. Hence, do not enter the batteries before finishing the registration process.

Step1: scan the QR-Code

There is a QR-code sticker on the SIGFOX-ASK1 which is containing an URL and the Sigfox ID of the modem. This ID has to be transmitted to the registration server.

Scan this code with your cell phone (camera app on iOS, or a barcode-scanner-app on Android e.g. QR Coder Reader)



When scanning was successful, you can go the website being displayed.

Step 2: Enter registration data

By successfully scanning the QR Code the registration page is loaded



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R	egist	er sensor				
Vielen Dank, dass Sie sich für Sigfox entschieden haben. Um diesen Sensor zu registrieren, loggen Sie sich bitte mit Ihrem vorhandenen Account ein oder erstellen Sie einen neuen.						
<i>1</i> 23	devic	e id 11D9974				
type XoverIoT_SIGFOX-ASD1- C_1						
	manu	facturer Xoverlot				
Sie	Sie verfügen bereits über einen Account?					
Sie	Sie haben noch keinen Account bei uns?					

If you already have an account, then choose ,Sie verfügen bereits über einen Account'. You get to the next page where you can log in:

Register sensor				
Viel entsch	en Dank, dass Sie sich für Si ileden haben. Um diesen Ser	gfox 1sor zu		
vorf	Login	rem Sie		
	stefan			
	einloggen	SD1-		
	Passwort vergessen?	~		
Sie ve Sie ha	iben noch keinen Account be	eaurit? ei uns?		

If you do not have an account, meaning it is your first SIGFOX-ADS-1 sensor device choose, Sie haben noch keinen Account bei uns'. You get to the next page where you can enter your details.

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By pressing the button ,registrieren', your data will be stored and a confirmation email is created and sent to you:





Step 3: Confirm registration

Open the confirmation email (don't forget to check your spam folder) and click the confirmation link to finalize the device registration process.

🖄 XoverloT register you	ır device		XoverloT	
	✤ Antworten	\rightarrow Weiterleiten	🕈 Umleiten	Archivieren
Von XoverloT < michael.kellne	r67@innnet.de> 🕻	3		
Betreff XoverloT register your of	levice			
An Mich < michael.kellner67	@gmail.com> 🛧			
Dear Petra,				
thank you for register Please click the follo <u>https://iot4u.cc/opt i</u> Regards, Your XoverIoT team	ring with Xo wing link to n.php?reg=9	verIoT. o finalize yo <u>9K0004</u>	our registr	ation.

After doing so, your registration is confirmed on the page and you can choose a password which is used later on together with your email to log into the app.



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/ielen Dank 1 \dresse!	für die Bestätigung Ihrer E-Mail-
Bitte legen Si lem Sie sich	ie jetzt ein Kennwort fest, mit zukünftig in Ihren Account
einioggen ko	inien.
Passwort	
Passwort Passwort	ederholen

Step 4: Enter the battery on the green board

First enter the coin cell on the green board, so the SIGFOX-MOD1-C modem is ready to transmit.

Step 5: Enter the battery on the blue board

Now enter the coin cell on the blue board. After powering up, the FW on the blue board will send a power up message to the green board, that will transmit it to the Sigfox Backend.

When everything is ok and you are within Sigfox network coverage

(you can check it here: <u>https://sigfox.de/coverage/</u>) then the messages are transferred to you app.



Step 6: Login to the app

The app can be loaded on any device being able to run a browser, mobile phones, PC/Mac/Linux. No installation is required at all.

With your login credentials (email and password) you can log in to the app.





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Step 7: Overview page and device selection

On the overview page of the app, you can see all sensor devices you have registered. Usually there is only one device, but basically you can register more than this.

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						Willkomm
	Filter					
	Sensor	Device-ID	Description	S/N ratio	RSSI	Zeit
	Ø	11D99FF	XoverloT USB device	22.09	-52	Sep 16, 2019
			144	ame per page: 10	•	-2 of 2



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By clicking on the picture of the sensor, you select this sensor and view with details is displayed.

		Willke
Details	Graph	Karte
DeviceID: 11D99FF		
Property	Value	
time	2019-09-16 15:33:50	
received	2019-09-16 15:34:17	
data	00ef01e425b70000fc009902	
temperature	23.9°C	
humidity	48.4%	
pressure	965.5hPa	
acceleration X	0mg	
acceleration Y	0mg	
acceleration Z	64512mg	



There are 3 tabs available:

- 1) ,Details': view with all data of the sensor device and the last readings of the sensor values.
- 2) ,Graph': view with a graph showing the last readings of the sensor values. You can select the sensor by checking the appropriate check boxes
- 3) ,Karte': showing the last known geolocation of the sensor device within a google map.





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Step 8: Making an app out of it on your cell phone:

You can pin the page to your desktop of your cell phone for quick access and to make it look like a native app.

Hence there are so many different versions of iOS and Android even with different language settings, that we can only give you a rough overview. Look for more detailed information on this topic in the internet.

IPhone

Open Menu \rightarrow "add to Home Screen" \rightarrow "Add" Menü öffnen \rightarrow "zum Home-Bildschirm" \rightarrow "Hinzufügen"





Android

When opening the page, there should be a message coming up to add it to the start screen As an alternativ click on the menu and select ",zum Startbildschirm hinzufügen".

	****	94%	08:32
$\hat{\mathbf{O}}$	iotgate.de/login	1	:
	Login		
	admin		
	einloggen		
	Passwort vergessen?		





Example on my Samsung Note 8 with Samsung Internet App: Load the page and press the menu on the right lower side.

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Next select wher to place the page:

15:36 🎽 🛸	1 59% 🛢
Login	
Username	
Passwort	
einloggen	
Passwort vergessen?	
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, Hinzufügen der aktuellen Webse zu	ite
Favoriten	
Schnellzugriff	
Startbildschirm	
Gespeicherte Seiten	
Abbrechen	
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On Firefox for Android:

There you open the menu on the right upper side with the 3 dots an select page. An additional menu is opening. Choose "Seitenverknüpfung hinzufügen" a new screen is showing up where you can press add to add it to the start screen.