HOW-TO Integration into Loxone



Important Note

Services like REST API and MQTT require a license. Please visit www.whatwatt.ch/pricing for more information.

Version	1.2
Date	20/02/2025

whatwatt.ch info@whatwatt.ch



©2025 whatwatt

1. Introduction

This guide explains step-by-step how to integrate the whatwatt Go device with a Loxone system. The integration is based on Loxone "Virtual Input" feature. The integration allows to use parameters such as power, energy, current and voltage as a trigger or as a simple data source for visualisations.

2. Requirements

- whatwatt Go connected to local network incl. Plus or Pro license
- REST API enabled in whatwatt Go
- Loxone server/system
- Whatwatt Go plug-in from the Loxone library

3. Values

÷

The integration delivers access to the following values – if provided by your smart meter via the interface.

•	whatwatt Go (VI)
	Conversion Factor (VI)
	¹ Current P1 [A] (VI)
	¹ Current P2 [A] (VI)
	Current P3 [A] (VI)
	🗣 Energy In Total T1 [kWh] (VI)
	Energy In Total T2 [kWh] (VI)
	🗣 Energy In Total [kWh] (VI)
	Energy Out Total T1 [kWh] (VI)
	Energy Out Total T2 [kWh] (VI)
	Energy Out Total [kWh] (VI)
	* ID (VI)
	¹ Power In P1 [kW] (VI)
	¹ Power In P2 [kW] (VI)
	¹ Power In P3 [kW] (VI)
	¹ • Power In Total [kW] (VI)
	¹ Power Out P1 [kW] (VI)
	¹ Power Out P2 [kW] (VI)
	¹ • Power Out P3 [kW] (VI)
	¹ Power Out Total [kW] (VI)
	¹ • Tariff (VI)
	¹ Voltage P1 [V] (VI)
	¹ Voltage P2 [V] (VI)
	^b Voltage P3 [V] (VI)

You can check what your smart meter delivers via the following URL in your browser [IP_of_your_whattwatt_go]/api/v1/report



4. Add whatwatt Go Plug-in to Loxone

Step 1 \cdot Select "virtual Inputs" in your project tree, then "HTTP Device Templates" from your top navigation, then "Search Loxone Library online"



V Loxone Library X +				- o ×
← → C Si library.loxone.com/?s=whatwatt				다 🕸 ☆ 😩 :
LOXONE				A
LOXONE				
Service Loxone L	ibrary	P whatwatt	◎ ≡	
Technologies				
	Search Results for "whatwatt"			
🗌 IR (24)				
RS232 (24)				
RS485 (11)				
Modbus (366)				
Network (157)				
☐ Air (4)	whatwatt Go			
☐ Air & Tree (1)	Network - whotwatt			
MP-Bus (11)				
Other (7)	Integration of Smart Meter Reader whatwatt Go via REST			
Categories	API > virtual input in Laxone. The device delivers Power [kW] Energy [kWh] per tariff and Current per phase.			
Shading (15)	by whattwatt AG			
🗌 Multimedia (80)				
Lighting (10)				
Security (25)				
Energy (201)				
Sensor (79)				
Weather (14)				
Climate (208)				
A				-

Step 2 · Search for "whatwatt" and download the plug-in



Step 3 · Import whatwatt plug-in into Loxone Config Tool





Step 4 · Import whatwatt into your project



Step 5 · Change the IP address in the settings of the whatwatt Go template in the project tree





Step 6 \cdot Use the values in your project – e.g. via building block "Bidirectional meter"

				Loxone	Config - whatwatt			- 0) >
Project Management My Project Testing D	liagnostics Network	Periphery Air	-					Message Center Check for updates Languages	:s ▼ Hel
Disconnect Load from Save in Start Miniserver Miniserver LiveView	Auto Device onfiguration Status	Project Validation Edit Objects of the Same Type	New Search and Replace	Zoom Zoom Vi	w Project Convert to Backups Multiplicator Proj	Align Show C ect Blocks To-Do's Pe Functions	Treate Add Function Add It's List Block • Extension • Guide Library (F5)	art :	
Locally connected to server whatwatt.Loxo	ne* Program not ide	ntical watt 🗙						Clean u	ap projec
T	0								
Boom: All	<u> </u>								
Preset filters No Filters	~								
Filter automatically									
- 7 Audio									
Irusts Independent (~ 2% Litilization)									
E- Virtual Inputs									
🗄 🎟 whatwatt Go (VI)									
- Conversion Factor (VI)									
-Na Current P1 [A] (VI)									
Current P2 [A] (VI)									
Current PS [A] (VI)									
- Energy In Total T2 [kWh] (VI)									
🖶 🍡 Energy In Total (kWh) (VI)									
- 👆 Energy Out Total T1 [kWh] (VI)							-		
Energy Out Total T2 [kWh] (VI)			Power In	Total (k VI	Smart Mete	ar 🔍 🕻			
B - G OUL Iotal [kWh] (VI)			Power O	ut Total VI	Df N	ter Bidirectional			
Power In P1 IkWI (VI)						Energy Mrc			
Power In P2 [kW] (VI)			C Energy I	n Total (VI	Mrc	Mrd	•		
-b Power In P3 [kW] (VI)			Energy C	Dut Total VI	Mrd	G			
🕀 🎭 Power In Total [kW] (VI)					3(O				
Power Out P1 [kW] (VI)									
Power Out P2 [kW] (VI)									
Power Out P3 [KW] (VI)									
Tariff (VI)									
- Voltage P1 [V] (VI)									
- Voltage P2 [V] (VI)									
- Voltage P3 [V] (VI)	1								
- Virtual Outputs									
- Intercom									
ter V Network Penphery									
Periphery Configuration Rooms Devices	- 5 1 4	► M \Cover Page \Seite							_