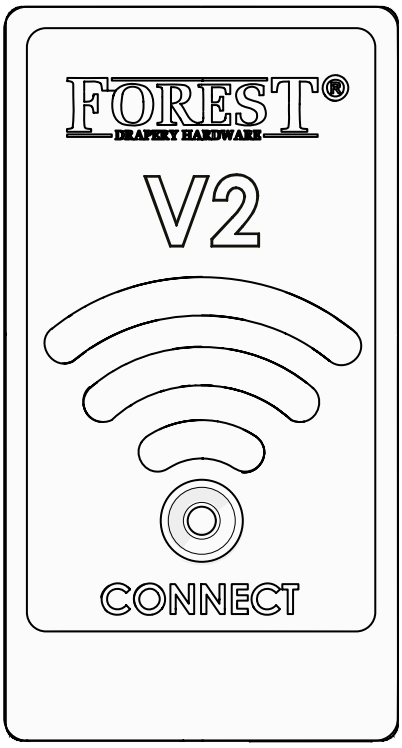
FOREST®
DRAPERY HARDWARE

EN



Wi-Fi Dongle V2

Wi-Fi adaptor for Shuttle® S/M/L

5201006280-V2 (black)
5201002280-V2 (white)

USER MANUAL

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INTRODUCTION

Thank you for purchasing the Forest® Wi-Fi Dongle V2.

The Wi-Fi Dongle is a Wi-Fi adaptor for Forest systems. The Wi-Fi Dongle enables wireless control of Forest Shuttle® S/M/L systems using the Forest Connect App.

1. General

Read this manual and the safety instructions carefully before using this Forest Group product. Follow the instructions in this manual and keep it throughout the entire lifespan of the product. This manual describes the installation and operation of the Forest® Wi-Fi Dongle V2.

Any use beyond the application scope defined by Forest Group is not permitted. Ignoring the instructions in this manual voids any liability and warranty from Forest Group.

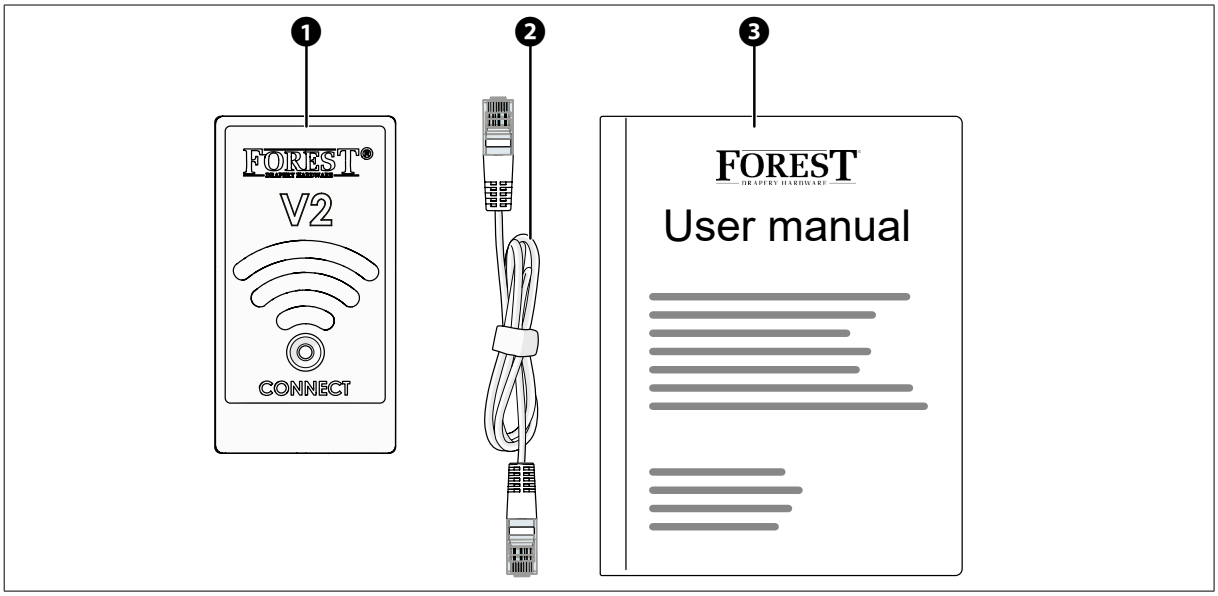
The Forest® Wi-Fi Dongle V2 comes with a 5-year warranty.

1.1 SPECIFICATIONS

Model	**5201006280-V2**	**5201002280-V2**
Specification	**Value**	
Power	12 V DC – 100 mA max. 5 V DC – 200 mA max.	
Frequency	2412 MHz – 2462 MHz	
Wi-Fi standard	IEEE 802.11n20/g/b	
Working temperature	0 – 40 °C (32 – 104 °F)	
Optional Accessories	Forest® USB adaptor Forest® Micro-USB cable (4 metres)	

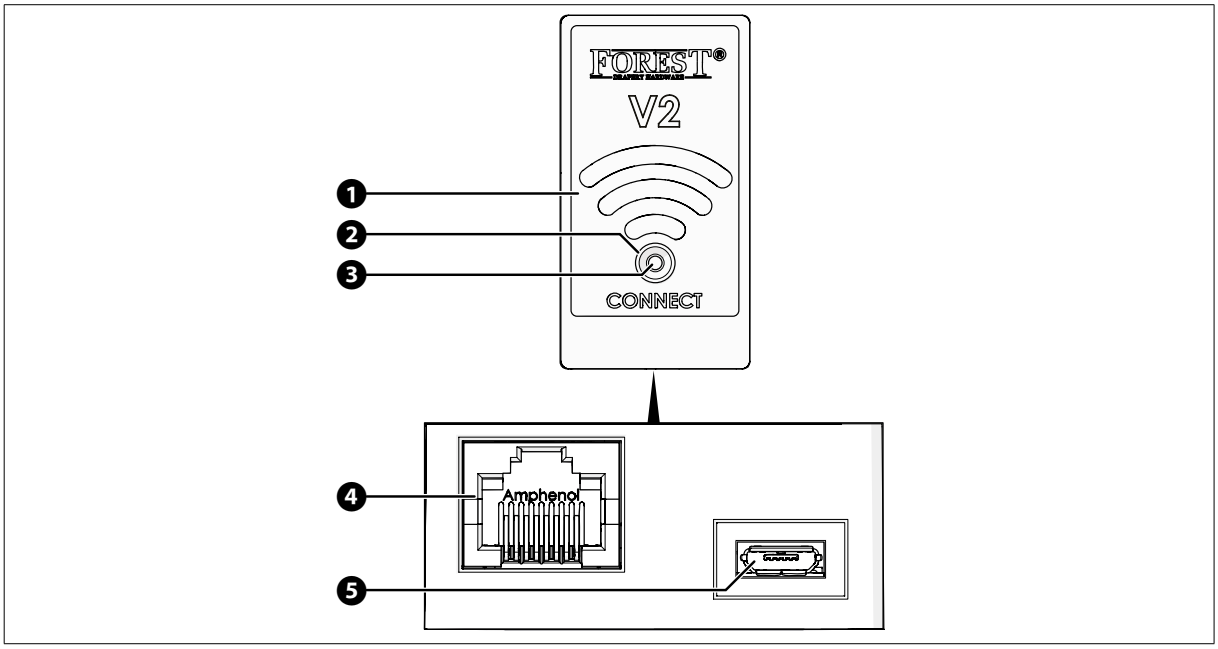
2. Product overview

2.1 CONTENTS



1. 1× Wi-Fi Dongle
2. 1× User manual
3. 1× Connection cable (15 cm)

2.2 MAIN PARTS



1. Wi-Fi Dongle
2. LED indicator
3. Connect button
4. Data input
5. Micro-USB input

2.3 OPERATION OF THE COMPONENTS

Component	Function
LED indicator	Indicates the current mode and/or status.
Connect button	Press the Connect button with a pen or pin to operate the product.
Data input	Connect the connection cable supplied to this port and port 1 of the Shuttle®.
Micro-USB input	Use this port to connect to an external USB adaptor if necessary.

2.4 OPERATION OF THE LED INDICATOR

LED indicator		Current mode/status.
Multiple colours (flashing)		The Wi-Fi Dongle is ready to be paired.

3. Safety

3.1 INTENDED USE

- This product is intended for use as a wireless network adaptor with Forest Shuttle® S/M/L motorised curtain systems.
- This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the product by a person responsible for their safety.
- This product is only intended for indoor use.

3.2 SAFETY INSTRUCTIONS

⚠ WARNING

- Always read and understand this manual and keep this document close to the product at all times. Go to www.forestgroup.com for the online version of the user manual.

⚠ CAUTION

- Do not expose the product to high temperatures or place it in direct sunlight.
- This product is for indoor use only, do not use in outdoor or in humid environments, such as bathrooms or swimming pools.
- If the product requires an external power supply, use a 5 V, 0.2 A USB power adaptor. A USB power adaptor and a 4 m Micro-USB cable are available from Forest.
- Always keep the cables and the product clear of walkways to prevent damage and reduce the risk of tripping.

NOTICE

- Never immerse the product in liquid.
- Do not drop the product, drill holes in it, or disassemble it, as this will void the warranty.

4. Installation

4.1 BEFORE INSTALLATION

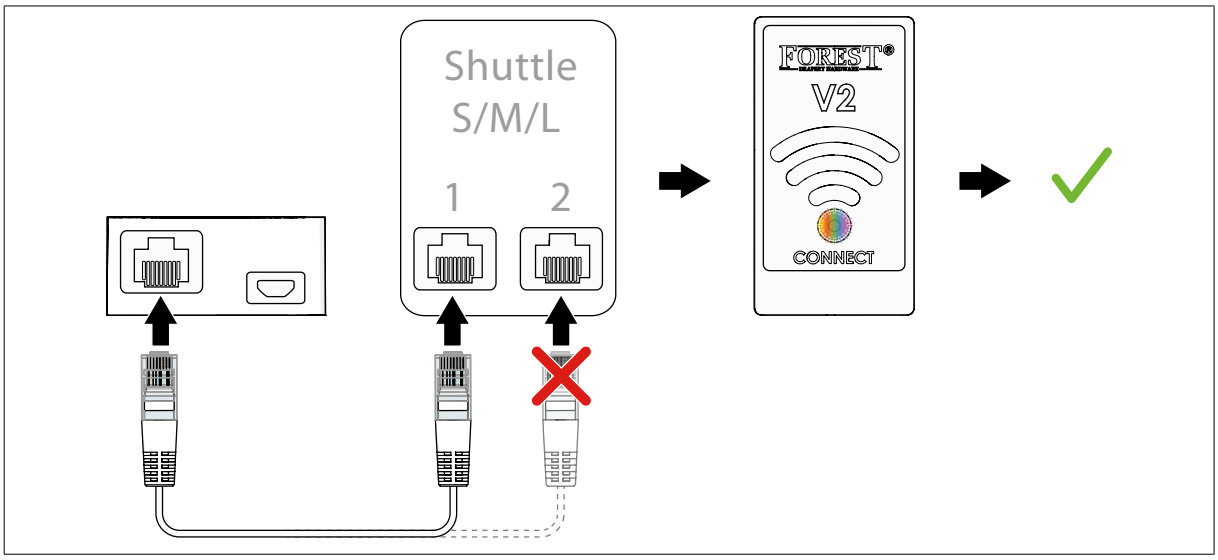
1. Install the Shuttle® curtain motor in accordance with the instructions in the curtain motor user manual.
2. Check that the Shuttle® curtain motor is functioning correctly. Pay attention to the set end positions.

4.2 INSTALLING THE WI-FI DONGLE

1. Connect the end of the **connection cable** to the **Data input** on the Wi-Fi Dongle.
2. Connect the other end of the **connection cable** to port 1 of the Shuttle®.

ⓘ Do not connect the end of the connection cable to port 2 of the Shuttle®.

The **LED indicator** flashes in multiple colours.



3. Connect your mobile phone or tablet to the Wi-Fi network.

ⓘ The Wi-Fi Dongle only works on 2.4 GHz networks. Ensure that you connect to a 2.4 GHz Wi-Fi network.

4. Download and install the Forest Connect App from Google Play or the App Store on your mobile phone or tablet.



5. Use

Follow the instructions in the Forest Connect App.

5.1 FACTORY RESET

Press and hold the **Connect button** for 5 seconds.

The product is now reset to the factory settings.

6. Troubleshooting

Problem	Possible cause	Possible solution
The curtain doesn't move.	The connection cable is not connected to port 1 of the Shuttle® curtain motor.	Connect the end of the connection cable to port 1 of the Shuttle® curtain motor.
	The Shuttle® curtain motor is not installed correctly.	Install the Shuttle® curtain motor according to the user manual.
		Scan the QR code below for instructions on how to reset the end positions.
		
The LED indicator does not flash in different colours after installation of the Wi-Fi Dongle.	The Shuttle® curtain motor is not powered.	Switch on the Shuttle® curtain motor.
	The connection cable is not connected to port 1 of the Shuttle® curtain motor.	Connect the end of the connection cable to port 1 of the Shuttle® curtain motor.
	The product must be reset.	Press and hold the Connect button for 5 seconds.
The Wi-Fi Dongle does not connect to the Wi-Fi network.	The connection was unsuccessful.	Repeat the steps in the Forest Connect App.
	The wrong Wi-Fi network has been selected.	Select the correct Wi-Fi network.
	The Wi-Fi password has been entered incorrectly.	Enter the correct Wi-Fi password.
	The distance between the Wi-Fi Dongle and the Wi-Fi router is too great.	Reduce the distance between the Wi-Fi Dongle and the Wi-Fi router.
	The Wi-Fi network is not a 2.4 GHz network. The product does not support 5 GHz Wi-Fi networks.	Connect to a 2.4 GHz Wi-Fi network.

If the solutions above did not solve your problem, please contact the store where you bought the Forest product.

7. Conformity

FC	**FCC Regulations**

This device complies with part 15 of the FCC Rules. Operations is subject to the following conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

⚠ CAUTION

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CE	Forest Group (Netherlands) B.V. hereby declares that the product complies with the requirements of Directive 2014/53/EU.

8. Liability

Forest Group does not assume liablity for resulting damages to persons, animals and/or property, defects, labour on location, service calls, reinstallation or expenses involved shipping, packing or returning goods, if the product has been modified in any way or damaged by improper use or failure to observe these operating instructions. In such situation, the right to any form of warranty, service and reimbursement of expenses shall cease.

9. Recycling

	Do not dispose of the product with household waste. Ensure that you return it to a collection point or depot for recycling purposes.

10. Declaration of conformity

EU Declaration of Conformity

Hereby we, the undersigned:

Manufacturer:	Forest Group Nederland B.V.
Address; city, Country	Teugseweg 42, 7418 AM Deventer, The Netherlands
Telephone number:	+31 0570 622850

Declare that this DoC is issued under our sole responsibility and that this product is:

Product description:	Curtain Motor Controller Wifi Dongle V2
Type designation(s):	520100x280 - V2 (x denotes product color)
Trademark:	Forest
Power Adapter:	Not included

Object of the declaration:



The object is in conformity with the relevant Union harmonization legislation:

☒	Radio Equipment Directive – 2014/53/EU		
☒	**Article 3.1(a)**	☒	**Article 3.2**
	EN IEC 62368-1:2020 + A11:2020 EN 62479:2010 & EN 50663:2017		EN 300 328 V2.2.2 (2019-07)
☒	**Article 3.1(b)**		
	EN 301 489-1 V2.2.3 (2019-11) EN 301 489-17 V3.3.1 (2024-09)		
☒	RoHS directive – 2011/65/EU + amendment (EU) 2015/863		

Signed for and on behalf of:

Place: Deventer

Date: 16-11-2026

Name: A.G. ten Have

Function: Head R&D

Signature:



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