

P5631S



GB | Thermostatic Radiator Valve



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Safety Instructions and Warnings



Read the user manual before using the device.



Follow the safety instructions provided in the manual.

- Read the manual carefully before using the product.
- Do not expose the product to direct sunlight, extreme cold and humidity and sudden changes in temperature. These could reduce detection accuracy.
- Do not place the product in locations prone to vibration and shocks – may cause damage.
- Do not expose the product to excessive force, impacts, dust, high temperatures, rain or humidity - these may cause malfunction, shorten energy life and deform plastic parts.
- Do not expose the product to rain or high humidity, or dripping or spraying water.
- Do not place any open flame sources on the product, e.g. a lit candle, etc.
- Do not put the product in places with inadequate air flow.
- Do not insert any objects into the product's vents.
- Do not tamper with the internal electrical circuits of the product – doing so may damage the product and will automatically void the warranty.
- The product should only be repaired by a qualified professional.
- Clean the product using a soft, slightly damp cloth. Do not use solvents or detergents – they might corrode the plastic parts and damage the electric circuits.
- Do not immerse the product in water or other liquids.
- In the event of damage or a defect on the product, do not make any repairs yourself. Bring it for repair to the shop where you bought it.
- This appliance is not intended for use by persons (including children) whose physical, sensory or mental disability or lack of experience and expertise prevents safe use, unless they are supervised or instructed in the use of the appliance by a person responsible for their safety. Children must always be supervised to ensure they do not play with the appliance.



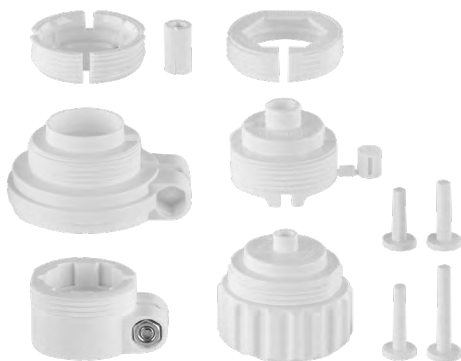


Package Contents

Thermostatic radiator valve

2x 1.5 V AA batteries

Adapters: RVA, RA, RVAL, Giacomini, Caleffi, M28×1.5



Technical Specifications

Temperature measurement:

0 °C to 40 °C with 0.1 °C resolution

Temperature setting:

5 °C to 30 °C in 0.5 °C increments

Maximum current draw: 100 mA

Maximum valve lift: 8 mm

Mounting dimensions of the head: M30 × 1.5 mm

Operating temperature: 0 °C to 40 °C

Communication protocol:

Wi-Fi 2.4 GHz, 25 mW e.i.r.p. max.

ZigBee 3.0, 2.4 GHz, 25 mW e.i.r.p. max.

Power supply: 2x 1.5 V AA batteries (included)

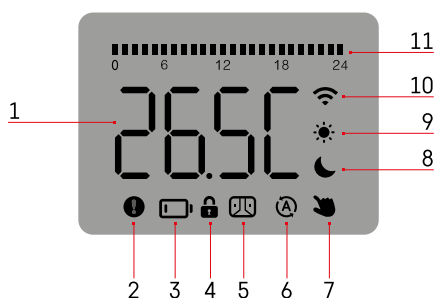




Device Description

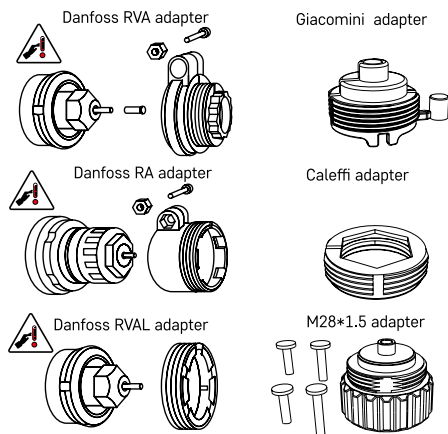
Description of the thermostatic radiator valve

- 1 – + and – buttons
- 2 – screen
- 3 – settings button
- 4 – temperature mode selection button
- 5 – comfort and economy temperature setting button
- 6 – nut
- 7 – battery cover
- 8 – battery compartment



Description of the Screen – Icons

- 1 – temperature setpoint
- 2 – warning
- 3 – low batteries
- 4 – child lock
- 5 – open window
- 6 – automatic mode
- 7 – manual mode and other selected modes
- 8 – economy temperature
- 9 – comfort temperature
- 10 – Wi-Fi connection
- 11 – graph showing the temperature throughout the day



Compatibility – Mounting Adapter

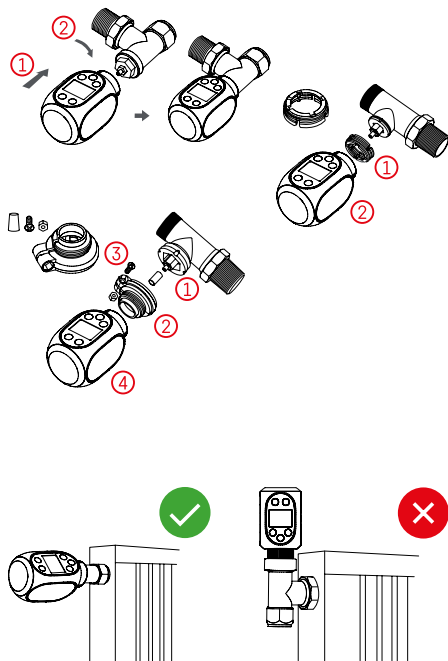
The valve may not be compatible with certain radiator heads.

Please compare your valve with information provided by the manufacturer and use a suitable adapter if needed.

Mount the adapter onto the valve and turn it until it clicks in place.

Fasten the adapter with a screw, if the adapter is designed for it.





Installation

1. The valve is designed for all types of commonly available radiator valves without the need to interrupt heat circulation. If the thermostatic valve is not compatible, proceed in accordance with information provided in the Compatibility section.
2. Place batteries into the valve before installing. Remove the old thermostatic valve by loosening the nut on the radiator's valve. Fit the valve on the front and manually tighten the nut.

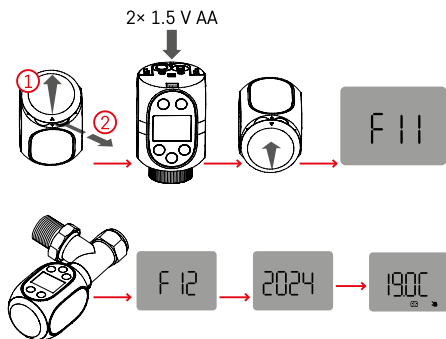
Note: The thermostatic valve support must connect in the middle to the support on the radiator's valve. The valve must not be compressed or wedged. Make sure the screen is legible in the mounted position.

Inserting/Replacing Batteries

Slide the battery cover upwards. Insert 2 × 1.5 V AA batteries into the battery compartment and replace the cover.

Note: The batteries are already fitted in the thermostatic valve as standard, and you must remove the insulating strip from the battery compartment. When inserting the batteries, make sure to observe the correct polarity. Use 1.5 V alkaline batteries only. Do not use 1.2 V rechargeable batteries; the lower voltage may prevent the device from working.





Basic Settings

Insert the batteries into the valve; F11 will start flashing on the screen. Wait until it stops flashing and remains on the screen.

Fit the thermostatic valve onto the radiator's valve, using an adapter if necessary.

Press the button; F12 will start flashing. Wait until the valve has finished the adaptation process. The following settings will then start to flash: year → date → time.

Use the and buttons to set the values; navigate using the button.

Setting the Day/Time

Long-press the button; the setting will start flashing.

Use the and buttons (hold the buttons down to proceed faster) to set the following values: year → day → month → hour → minute.

Confirm the set value using the button.

Note: the settings are configured automatically once the thermostatic valve has been paired with the app.

Setting Comfort Temperature and Economy Temperature

Press the button; the comfort temperature setting will start flashing. Press the / button repeatedly to set the desired value, then press the button to confirm. The economy temperature setting will start flashing. Press the / button repeatedly to set the desired value, then press the button to confirm. These settings will be used in Automatic Mode.

Note: The comfort temperature must always be higher than the economy temperature.

Temperature Mode Settings

The thermostatic valve allows you to set several temperature modes.

By pressing the button repeatedly, you can switch between Automatic mode → Anti-freeze mode → Manual mode.

Automatic Mode

The thermostatic valve will regulate the temperature according to a preset programme of comfort and economy temperatures for the whole week or specific days.

Press the  button; the settings for the whole week, Mon→Sun (1-7) will start flashing. Alternatively, press the —/' + button repeatedly to select the number corresponding to a specific day:

Monday = 1, Tuesday = 2, Wednesday = 3, Thursday = 4, Friday = 5, Saturday = 6, Sunday = 7.

Once you have selected the day, the time to set the comfort temperature will start flashing. Press the —/' + button repeatedly to set the start time (in 10 minute increments), confirm by pressing the  button; the time to set the economy temperature will start flashing.

Press the —/' + button repeatedly to set the start time and confirm by pressing the  button; the time to set the comfort temperature will start to flash. Follow the same procedure to complete the settings for the whole day. This way, you can set a maximum of 6 periods throughout the day, with a regular alternation between comfort and economy temperatures.

The comfort temperature is indicated by a black field  on the temperature graph; the economy temperature is indicated by an empty field.

Note: If you manually change the temperature while in automatic mode (on the thermostat or in the app), the new temperature will remain in effect until the next programmed temperature change.

Anti-Freeze Mode

The default temperature preset is 5 °C; by pressing the —/' + button repeatedly, you can adjust the setting between 5 and 15 °C, in increments of 0.5 °C. You can also adjust the value in the app.

Manual Mode

Manual control of temperature. Repeatedly press the —/' + button to set the desired temperature. You can also adjust the value in the app.

Open Window Function

If the thermostatic valve detects a sudden drop in temperature (e.g. when a window or door is opened), its valve will close for 30 minutes and the  icon will flash on the screen. Once the set time limit elapses or you close the window, the valve automatically reopens.

Note: this can only be set in the app.

Displaying the Current Temperature in the Room

Long-press the   button; the measured temperature will be displayed. To return, press the  button or wait 4 minutes.

The temperature is also displayed in the app.

Child Lock

Simultaneously hold the   and  buttons for approx. 3 seconds. All buttons will be locked and a  icon will be displayed on the screen.

To lift the lock, simultaneously hold the   and  buttons again for approx. 3 seconds. This feature can also be set in the app.

Room Temperature Calibration

Simultaneously hold the   and  buttons for approx. 3 seconds.

Use the  and  buttons to set the desired value (-5.0 °C to +5.0 °C, in 0.1 °C increments).

Press the  button to confirm.

The temperature sensor that detects ambient temperature is located in the body of the thermostatic valve which is mounted onto the radiator. The measured temperature may therefore be higher than the temperature in other parts of the room. Calibration of room temperature is used, for example, if the thermostatic valve shows 21 °C but you want it to show 20 °C. In that case, the calibration value should be set to -1 °C. This feature can also be set in the app.

Calibration of the Thermostatic Radiator Valve

Simultaneously hold the  and  buttons for approx. 3 seconds.

F11 will start flashing on the screen; wait until it stops flashing and remains displayed on the screen.

Press the  button; F12 will start flashing. Wait until the valve has finished the adaptation process.

This feature can also be set in the app.

Note: The thermostatic valve carries out the calibration process automatically 1× a week and upon new installation.

The thermostatic valve must be installed correctly before starting the calibration.

Screen Rotation

Long-press the  button to rotate the temperature display and temperature graph by 180°.

Long-press the  button again to return to the previous display method.



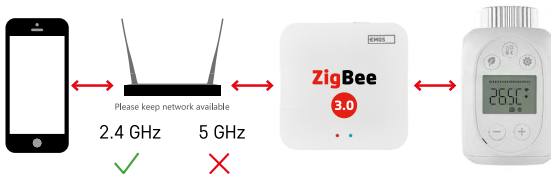
Mobile App



The thermostatic valve can be controlled using a mobile app for iOS or Android. Download the EMOS GoSmart app for your device.

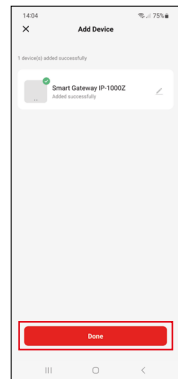
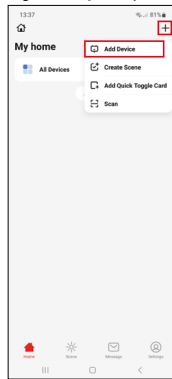
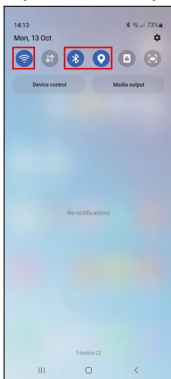
Tap the Log In button if you've used the app before. Otherwise, tap the Sign Up button and register.

Attention: To control the device via the mobile app, it must be paired with a ZigBee gateway.



Pairing the ZigBee Gateway with the App

(If you are already using the gateway, skip this step)



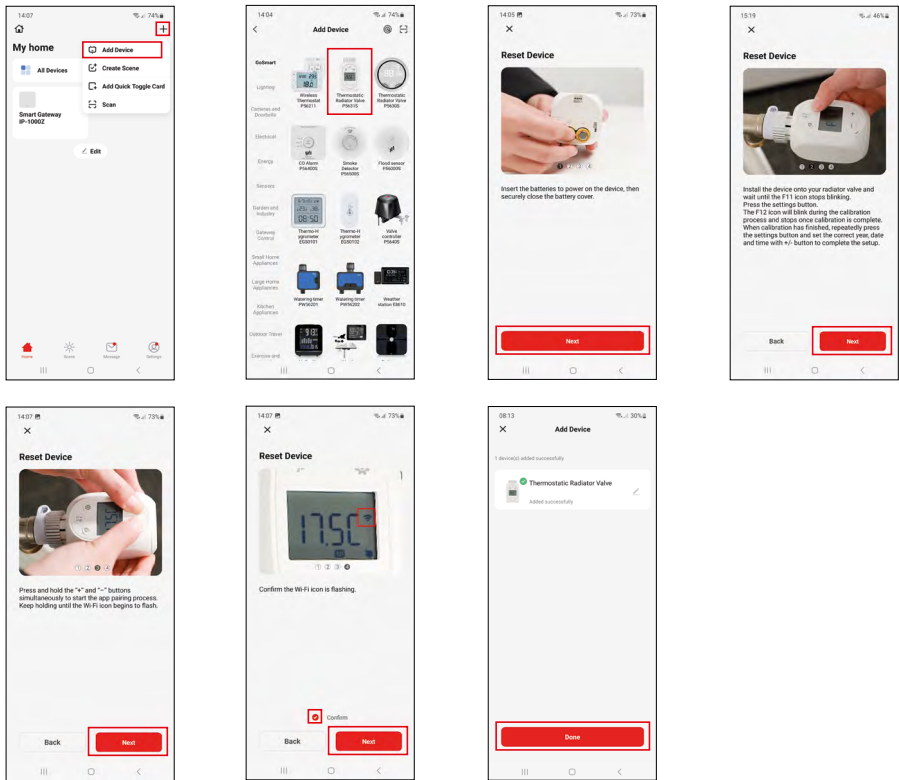
Plug a power cable into the gateway and enable GPS and Bluetooth connection on your mobile device. Tap Add Device in the app.

Tap the GoSmart list on the left and tap the Smart Multi Gateway IP-1000Z icon.

Follow the instructions in the app and enter the name and password for your 2.4 GHz Wi-Fi network. The gateway will pair with the app within 2 minutes.

Note: If the gateway fails to pair, repeat the process and check the settings using the manual for the gateway. 5 GHz Wi-Fi networks are not supported.

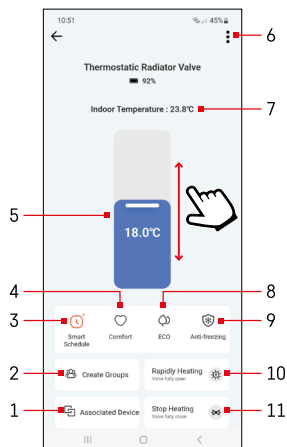
Pairing the Thermostatic Valve with the App



Simultaneously press and hold the – and + buttons; the Wi-Fi icon will start flashing. Tap Add Device in the app. Select a paired ZigBee gateway. Tap the GoSmart list on the left and tap the Thermostatic Radiator Valve P5631S icon. Follow the instructions in the app and enter the name and password for your 2.4 GHz Wi-Fi network. Pairing with the app will complete within 2 minutes. The Wi-Fi icon will be displayed permanently.

Note: If the thermostatic valve fails to pair, repeat the entire process. 5 GHz Wi-Fi networks are not supported.

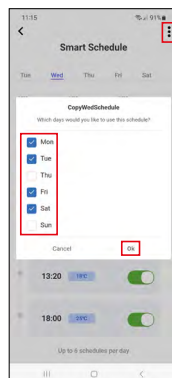
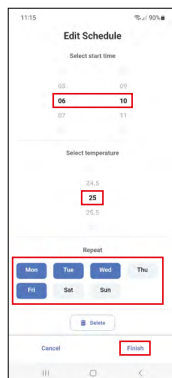




Controls and Functions

- 1 – Group creation function
Enables controlling a group of thermostatic valves together.
- 2 – Associated devices
Enables creating a scenario, for example, for a thermometer, a door and window sensor, or a PIR sensor.
- 3 – Automatic mode
- 4 – Comfort mode
- 5 – Set temperature,
Temperature control slider
- 6 – Settings
- 7 – Room temperature
- 8 – ECO mode
- 9 – Anti-freeze mode
- 10 – Rapid heating (boost)
- 11 – Stop heating

Automatic Mode



Temperature control according to a preset programme on the thermostatic head, which is automatically synchronised with the app.

You can set a maximum of 6 time periods, i.e. temperature changes, per day. To add a time period, tap the day of choice and then tap on **+** in the bottom right. Set the start time → temperature → select the days and tap Finish in the bottom right. Tapping the bin icon **🗑** delete the selected time period.

If you only want to disable a time period, tap on the slider icon; the colour will change to grey **🔌**.

If you want to copy a programme from one day to other days, tap the **📋** icon in the top right in the day settings, select the other days, and confirm by tapping OK.

Note: Any change to the automatic mode on the thermostatic head will automatically override the settings in the app.

Comfort Mode

Quick option to increase the temperature; move the slider up or down to set the desired value.

ECO Mode

Quick option to lower the temperature; move the slider up or down to set the desired value.

Anti-Freeze Mode

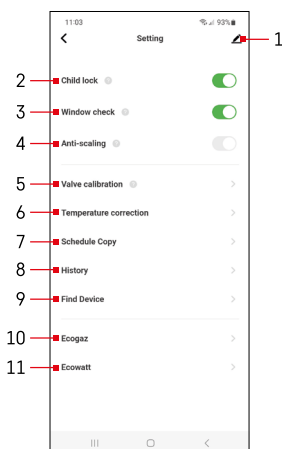
The default temperature preset is 5 °C; move the slider up or down to set the desired value. You can also adjust the setting directly on the thermostatic valve.

Rapid Heating (Boost)

The thermostatic valve opens the radiator valve fully. To cancel, tap the icon of a different temperature mode.

Stop Heating

The thermostatic valve closes the radiator valve completely. To cancel, tap the icon of a different temperature mode.



Settings

1 – [Advanced settings](#)

2 – Child lock

3 – Open window function

4 – Limescale protection

The thermostatic valve automatically opens and closes the radiator valve 1× a month (in May, June, July and August) to prevent limescale build-up.

Note: This feature is permanently enabled and cannot be disabled.

5 – Calibration of the thermostatic valve

6 – [Room temperature calibration](#)

7 – [Copy the settings from the thermostatic valve to another thermostatic valve](#)

8 – [History](#)

9 – Find device

The temperature value on the screen will flash for about 20 seconds.

Use if you have forgotten where the device is installed.

10 – Ecogaz

Information system about pressure in the gas network in France.

The aim is to encourage consumers to save gas during the critical winter months.

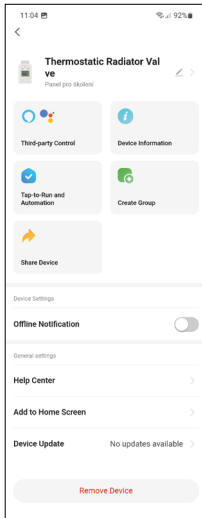
Note: applies only to the French market.

11 – Ecowatt

Information system warning about power grid overloads in France.

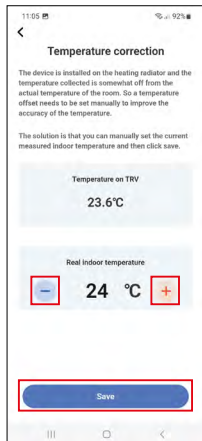
The aim is to encourage consumers to save electricity.

Note: applies only to the French market.



Advanced Settings

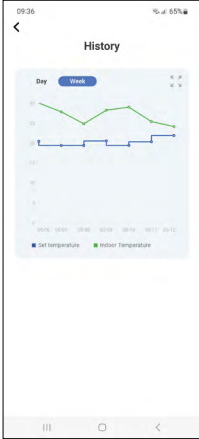
- **Third-Party Control** – Connection to a voice assistant.
- **Device Information** – Basic information about the device.
- **Tap-To-Run and Automation** – Scenes and automations assigned to the device.
- **Create Group** – Creates a group of similar devices.
- **Share Device** – Shares control of the device with another person.
- **Offline Notification** – Notifies when the device is offline for over 8 hours (e.g. power outage).
- **Help Center** – Displays frequently asked questions and their solutions and provides the option to send us a question/suggestion/feedback directly.
- **Add to Home Screen** – Adds an icon for the device on the phone's home screen.
- **Device Update** – Updates the device.
- **Remove Device** – Removes the device from the app.



Room Temperature Calibration



Copy the Settings from the Thermostatic Valve to Another Thermostatic Valve



History

Displays a chart of set and measured temperature within the last max. 7 days.



Troubleshooting FAQ

The thermostatic valve is not working properly; the screen displays the icon

- Check the battery voltage; they may be flat, in which case replace them with new ones (wait 30 seconds before inserting the new batteries).
- The valve may be compressed or wedged; check that it has been fitted correctly and that the correct adapter has been used; then repeat the adaptation process.
- The radiator valve may be stuck or clogged with limescale; calibrate the valve.
- Check that the ZigBee gateway is working properly and test the wireless communication between the ZigBee gateway and the thermostatic valve.
- Test the functioning of the Wi-Fi connection.
- If the Wi-Fi icon  is not displayed on the screen or is flashing, repeat the pairing with the app.
- Check that the target temperature on the thermostatic valve is set correctly. If the set temperature is lower than the current room temperature, the thermostatic valve will not open the radiator's valve.



GB | Hereby, EMOS spol. s r.o., declares that the radio equipment type P5631S is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <http://www.emos.eu/download>.

CZ | Tímto EMOS spol. s r.o. prohlašuje, že typ rádiového zařízení P5631S je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na těchto internetových stránkách <http://www.emos.eu/download>.

Zařízení lze provozovat na základě všeobecného oprávnění č. VO-R/10/05.2025-5 v platném znění.

SK | EMOS spol. s r.o. týmto vyhlasuje, že rádiové zariadenie typu P5631S je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: <http://www.emos.eu/download>.

PL | EMOS spol. s r.o. niniejszym oświadcza, że typ urządzenia radiowego P5631S jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: <http://www.emos.eu/download>

 Zgodnie z przepisami Ustawy o ZSEiE zabronione jest umieszczanie łącznie z innymi odpadami zużytego sprzętu oznakowanego symbolem przekreślonego kosza. Użytkownik, chcąc pozbyć się sprzętu — elektronicznego i elektrycznego, jest zobowiązany do oddania go do punktu zbierania zużytego sprzętu. W sprzęcie nie znajdują się składniki niebezpieczne, które mają szczególnie negatywny wpływ na środowisko i zdrowie ludzi. Obecność w sprzęcie niebezpiecznych substancji, mieszanin oraz części składowych ma potencjalny (szkodliwy) wpływ dla środowiska i zdrowie ludzi.

HU | EMOS spol. s r.o. igazolja, hogy a P5631S típusú rádióberendezés megfelel a 2014/53/EU iránynyelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: <http://www.emos.eu/download>.

SI | EMOS spol. s r.o. potrjuje, da je tip radijske opreme P5631S skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: <http://www.emos.eu/download>

RS|HR|BA|ME | EMOS spol. s r.o. ovime izjavljuje da je radijska oprema tipa P5631S u skladu s Direktivom 2014/53/EU Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: <http://www.emos.eu/download>.

DE | Hiermit erklärt EMOS spol. s r.o., dass der Funkanlagentyp P5631S der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: <http://www.emos.eu/download>.

UA | Цим підприємство EMOS spol. s r.o. проголошує, що тип радіообладнання P5631S відповідає Директивам 2014/53/EU. Повний текст ЄС проголошення про відповідність можна знайти на цьому сайті <http://www.emos.eu/download>.

RO|MD | Prin prezenta, EMOS spol. s r.o. declară că tipul de echipamente radio P5631S este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: <http://www.emos.eu/download>.

LT | Aš, EMOS spol. s r.o. patvirtinu, kad radio įrenginių tipas P5631S atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: <http://www.emos.eu/download>.

LV | Ar šo EMOS spol. s r.o. deklarē, ka radioiekārtā P5631S atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: <http://www.emos.eu/download>.

EE | Käesolevaga deklareerib EMOS spol. s r.o. et käesolev raadioseadme tüüp P5631S vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: <http://www.emos.eu/download>.

BG | С настоящото EMOS spol. s r.o. декларира, че този тип радиосъоръжение P5631S е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: <http://www.emos.eu/download>.

FR|BE | Le soussigné, EMOS spol. s r.o., déclare que l'équipement radioélectrique du type P5631S est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: <http://www.emos.eu/download>.

IT | Il fabbricante, EMOS spol. s r.o. dichiara che il tipo di apparecchiatura radio P5631S è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: <http://www.emos.eu/download>.

NL | Hierbij verklaar ik, EMOS spol. s r.o., dat het type radioapparatuur P5631S conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: <http://www.emos.eu/download>.

ES | Por la presente, EMOS spol. s r.o. declara que el tipo de equipo radioeléctrico P5631S es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: <http://www.emos.eu/download>.

PT | O(a) abaixo assinado(a) EMOS spol. s r.o. declara que o presente tipo de equipamento de rádio P5631S está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: <http://www.emos.eu/download>.

GRICY | Με την παρούσα ο/η EMOS spol. s r.o. δηλώνει ότι ο ραδιοεξοπλισμός P5631S πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: <http://www.emos.eu/download>.

SE | Härmed försäkrar EMOS spol. s r.o. att denna typ av radioutrustning P5631S överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: <http://www.emos.eu/download>.

FI | EMOS spol. s r.o. vakuuttaa, että radiolaitetyyppi P5631S on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: <http://www.emos.eu/download>.

DK | Hermed erklærer EMOS spol. s r.o., at radioudstyrstypen P5631S er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: <http://www.emos.eu/download>.