



**“Astra-8731”**

**Smart socket**



**User guide**

**Manufacturer:**  
**ZAO NTC TEKO**  
420108, Russia, Kazan  
Gafuri, 71 str.  
[export@teko.biz](mailto:export@teko.biz)  
[www.teko.biz](http://www.teko.biz)

**Made in Russia**

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### 1 FUNCTION

The smart socket "Astra-8731" (hereinafter Smart socket) is designed to remotely turn on / off a device powered by a 100-240 V AC network, connected to smart socket, upon a command received via a radio from the controller Security Hub.

### 2 SPECIFICATION

Operating frequency, MHz .....433  
Supply voltage, V .....from 100 to 240

#### **Relay specification**

Max load voltage, AC, V ..... 250  
Max load current, AC, A, .....16

Wireless coverage range .....100  
Overall dimensions, mm.....140×80×67

#### **Operating conditions**

Temperature range, °C .....from -30 to +55  
Relative air humidity, %..... up to 98 at +25°C  
without moisture condensation

### 3 DELIVERY SET

The delivery set includes: user guide – 1 copy.

### 4 INDICATION

Indication	LED
Powering on	Off
Boot time	<b>1-time flash for 1 sec</b>
Power normal	Off
Network searching	<b>Flashing 5 time/sec</b>
No network	<b>2-time flashings with period of 25 sec</b>
Registration command from laser tool Astra-942	<b>Turn on 1 time for 2 sec</b>
Optimisation command from laser tool Astra-942	
Test command from laser tool	Turn on 1 time for 10 sec

**Note** - The indication of notifications (except for commands from the laser tool) is turned off 60 minutes after the power is turned on. The indication turns on again for 60 minutes by the "Test" command from the laser tool (see **p. 7**).

## **5 ADDING TO THE SYSTEM**

**1)** Start adding on the mobile or desktop app Security Hub. Adding starts for **45-60 sec.**

**2)** Power on the Smart Socket, by plugging it into the selected electrical socket with a voltage of 220 V, the registration mode of the Smart Socket starts for 60 sec (the indicator flashes at a frequency of 5 times / sec).

*If after 4 seconds after turning on the power, the indicator of the Smart Socket displays the indication "No network", it means that the Smart Socket was previously added to another radio network. In this case, it is necessary to **reset the parameters of the previous radio network** (see p. 6), unplug the Smart Socket from the socket, wait at least 20 sec and repeat the adding procedure (steps 2), 3)).*

**3)** Make sure registration is successful with Security Hub mobile or web app. If registration is unsuccessful, repeat the procedure.

## **6 RESET PROCEDURE**

To adding in a new radio network, the Smart Socket provides **reset of the current radio network parameters:**

**1)** Press and hold the hidden button on the side surface of the Smart Socket for 5-10 sec,

**2)** Smart Socket generates a notification "No network" on the LED and becomes available for adding in the new network.

## **7 INSTALLATION PROCEDURE**

**1)** Plug the Smart Socket into an electrical socket according to the recommendations:

- the position of the Smart Socket when connected to a socket - the LED upward, since in this part of the Smart Socket's PCB, the antenna is located inside the housing. Higher antenna placement improves the quality of radio communications.

- the cable of the device plugged to the Smart Socket must not pass through the Smart Socket's antenna.



**2)** Set the operation mode of the relay using **Security Hub mobile or desktop App.**

## **8 WARRANTY**

Warranty period of operation - 5 years from the date of commissioning, but not more than 5 years 6 months from the date of manufacture and subject to the requirements of the current user guide.