

Shelly Wall Display X2 WiFi/BLU (White)



Model: WallDisplayx2W

Manufacturer: SHELLY

EAN: 3800235264997

Product Code: 1101709

R7,529

Shelly Wall Display X2 WiFi/BLU (White)

Shelly Wall Display X2 is a compact control panel designed to manage your home space. An integrated 6.95-inch touchscreen, Wi-Fi and Bluetooth connectivity, built-in relays and a suite of environmental sensors allow you to control lighting, respond to changes in room conditions and monitor energy consumption. The product fits into a standard flush-mounted box, so you can easily replace an ordinary light switch with it and gain access to extensive control functions without interfering with the installation.

Large screen, simple operation

The 6.95-inch display provides a clear image and convenient operation of all functions. The touch-sensitive, five-point matrix responds precisely to commands, making daily use easy. You can

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customize the layout of the home screen - including changing the orientation from widescreen to portrait, which works well for both portrait and landscape installation. The interface offers a clear breakdown of functions, such as device control, sensor readings and automation settings.

Turn on devices directly from the panel

The panel housing includes a relay with a maximum switching voltage of 230 V AC and a current of up to 5 A, which allows you to directly manage connected electrical circuits. This allows you to control lights, fans or other devices directly from the panel without the need for additional relays or controllers.

Automatic response to room conditions

The Shelly Wall Display X2 panel collects data from three key sensors - ambient temperature, humidity and light intensity. This information can be used as the basis for automatic control of appliances, such as turning on the fan when humidity is too high or activating lighting when light levels are low. This function works well in bathrooms, kitchens, basements, greenhouses and places where conditions change dynamically. Thanks to the constant measurement of humidity, it is also possible to prevent the growth of mold and mildew - the panel can automatically start the ventilation or dehumidifier at the right moment.

Remote access and operating schedules

With Wi-Fi communication and the Shelly Smart Control app, you can remotely monitor the status of equipment, its energy consumption and environmental conditions. The panel supports the creation of up to 20 schedules and webhooks (20 with two URLs each). It also supports the MQTT protocol, allowing integration with many home automation systems. You can also define temperature and humidity thresholds, when exceeded, the panel will send a notification or trigger an appropriate action, such as warning of excessive moisture that could damage equipment or the risk of freezing installations in cold rooms.

Check power consumption in real time

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Shelly Wall Display X2 allows you to monitor the energy consumption of all devices connected in a room, if they are registered in the Shelly system. As a result, you gain a full view of your energy usage and can identify high-consumption appliances, which is useful for planning savings and increasing the energy efficiency of your home.

Easy installation and durable design

The panel weighs no more than 256 g, and its dimensions are 87 x 178 x 33 mm, allowing it to be mounted in a standard wall box. The housing is made of plastic, aluminum and glass, materials that are resistant to everyday use. The device operates in a temperature range of -20°C to 40°C and humidity of 30% to 70%, making it suitable for both typical residential interiors and less stable environments such as garages and basements.

Stable connectivity and performance

The Shelly Wall Display X2 supports Wi-Fi in 802.11 b/g/n (2.4 GHz) standards with a range of up to 30 meters indoors and up to 50 meters outdoors (depending on conditions). In addition, the panel features Bluetooth 5.0, which facilitates initial setup and enables fast communication with peripherals over shorter distances. The device runs on a quad-core SC7731E processor (ARM Cortex A7, 1.3 GHz), supported by 1 GB of RAM and 4 GB of flash memory. The whole thing runs Android 8.1, which ensures stability and compatibility with Shelly's extensive software. The product also offers a built-in microphone, proximity sensor and G-sensor, allowing future expansion of features and support for additional operating scenarios.

General

Manufacturer Shelly

Model WallDisplayx2W

Physical parameters

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Dimensions	87 × 178 × 33 mm
Weight	256 g
Touch screen	5-point capacitive screen
Maximum tightening torque of screw terminals	0.4 Nm / 3.5 lbin
Cable cross section	0.2 to 2.5 mm ² / 24 to 14 AWG (solid wire, stranded wire and bushings)
Wire stripping length	6 to 7 mm / 0.24 to 0.28 in.
Mounting	Wall box
Housing material	Plastic, aluminum, glass
Housing color	Black
Speaker	0.8 W x 1

Environmental conditions

Operating temperature -20°C to 40°C / -5°F to 105°F

Operating humidity 30% to 70% RH

Maximum altitude. 2000 m / 6562 ft

Electrical parameters

Power supply 230 V AC, 50/60 Hz

Power consumption 1 W

USB-C power supply 5 V DC, 1 A

Output circuit parameters

Maximum switching voltage 230 V AC

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Maximum switching current 5 A

Sensors and measurements

Internal temperature sensor No

Ambient temperature sensor Yes

Humidity sensor Yes

Light intensity sensor Yes

Microphone Yes

Motion sensor (G-sensor) Yes

Proximity sensor Yes

Wi-Fi

Protocol 802.11 b/g/n

Frequency band 2412 - 2472 MHz

Maximum RF power 20 dBm

Range Up to 30 m indoors / up to 50 m outdoors (depending on local conditions)

Bluetooth

Protocol 5.0

Frequency band 2402 - 2480 MHz

Maximum RF power 4 dBm

Range Up to 10 m indoors / up to 30 m outdoors (depending on local conditions)

Microprocessor unit

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Processor (CPU) SC7731E, quad-core A7 1.3 GHz

RAM 1 GB

Flash memory 4 GB

Operating system Android 8.1

Firmware features

Schedules 20

Webhooks (URL shares) 20 with 2 URLs per webhook

Scripts Yes

MQTT Yes

Gross weight: 440, Net weight: 222, Box length: 18,50, Box width: 10,00, Box height: 6,50, GPSR

Link: https://psr-assets.innpro.pl/smarthome/sg_smarthome_controls.pdf, PPWR:

<https://ppwr.innpro.pl/en/shelly>

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