Shelly PRO LoRa Add-on

Long-range LoRa communication module for Shelly Pro



EAN code: 3800238073169

Product description

Shelly PRO LoRa Add-on extends the range of selected Shelly Pro devices with long-range LoRa communication up to 5 km. It mounts on DIN rail alongside the host device and connects through Shelly's proprietary serial interface. An external SMA antenna is included and can be extended or upgraded for better coverage — for example when the device is installed inside a metal enclosure.

The add-on is galvanically isolated, supports custom scripts, and operates in EU868 low-power mode for reliable communication without duty cycle limitations under normal use. Two LED indicators (RX and TX) show communication status directly on the device.

Required host device: any compatible Shelly Pro device (see table). Note: a minimum of two LoRa modules is required to establish LoRa communication.

Technical data

Physical	
Size (HxWxD):	94 x 19 x 92 mm / 3.70 x 0.75 x 3.62 in (with antenna)
Weight:	52 g / 1.83 oz (with antenna)
Mounting:	DIN rail + Shelly proprietary serial interface
Shell material:	Plastic
Shell color:	Black
Environmental	
Ambient working temperature:	-20 °C to 40 °C / -5 °F to 105 °F
Humidity:	30 % to 70 % RH
Max. altitude:	2000 m / 6562 ft
Electrical	
Power supply:	3.3 V from host Shelly Pro device
Power consumption:	< 150 mW
LoRa:	EU868, < 14 dBm, up to 5 km range
Antenna:	SMA-M, 863-870 MHz, 50 Ω (included)

