

# 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)                    |

