



Z01 - MICROPNP SECURE PROGRAMMING PERIPHERAL (with Micro-USB cable)

PRODUCT DESCRIPTION

The MicroPnP™ Secure Programming Peripheral with Micro-USB cable (**Z01**) enables the pairing of MicroPnP devices with gateways and installation of software updates from the gateway to the devices.

MICROPNP PERIPHERALS

MicroPnP Peripherals are self-identifying sensors and actuators that connect to MicroPnP Wireless Devices to provide plug-and-play sensing and control.

The MicroPnP software automatically installs and configures all drivers, eliminating the cost and complexity of deploying an IoT network.

Note: only one peripheral of this type may be connected to a MicroPnP Wireless Device.

APPLICATIONS

The secure programming peripheral provides secure commissioning, secure programming and a power supply for MicroPnP devices:

- ★ Securely pair MicroPnP wireless devices with a wireless gateway
- ★ Securely install software updates from a gateway to a wireless device
- ★ Power to a MicroPnP wireless device via a USB power supply

CORE COMPONENTS

The **Z01** is based on the F232RQ chip from Future Technology Devices International:

[FTDI_f232rq.pdf](#)

Z01 CHARACTERISTICS

Characteristic	Value	Unit
Max current output	50	mA
Max programming time	< 20	s

RELATED PRODUCTS

Item **Z01** requires a MicroPnP Wireless Device such as **Pxx** or **Lxx**. For programming, **Z01** requires a MicroPnP Wireless Gateway such as **M01**.

Z01 can serve as a power supply for sensors such as the **S16** (Ultrasonic Distance Sensor) or **S11** (RFID Reader). It is compatible with all items in the MicroPnP catalog:

versasense.com/files/VersaSense-Catalog.pdf

Note: peripherals must be removed before the **Z01** is used for programming or commissioning.

INFORMATION/SUPPORT

Web: www.versasense.com

Sales: sales@versasense.com

Help: support@versasense.com

Other: info@versasense.com

Post: VersaSense NV, Kapeldreef 60, 3001 Leuven, Belgium.