
SimPal-V640 4G Water Valve Introduction



SimPal-V640 4G Water Valve is a simple and powerful device to remote control valve on-off via SMS or app in mobile phone. It come with wired water leakage detector, automatically turn off valve when detect water leakage. It can turn on-off valve according your schedule, timer turn on valve for some minutes etc. The 4G valve support to connect 4pcs SimPal-V10 slave valve, control up to 5pcs valve with only one SIM card. Also can connect wireless smoke detector, wireless PIR detector etc accessories to monitor your house.

Use for home water leakage prevention, such as use to control water valve for dishwasher, coffee machines, wash machine etc. It also can use to control house water heating, remote turn on water heating before you arrive home.

Main Features:

- **Turn on/off power remotely**

Device works with 4G SIM card, remotely turn on-off valve by calling or APP on your mobile.

- **Water leakage control**

Come with wired water detector, it can auto turn off valve once detect water leakage and send SMS to report the leakage.

- **Works with slave valve and wireless accessories**

Support to work with 4pcs SimPal-V10 slave valve, it can connect wireless smoke detector, wireless water detector etc accessories to monitor your house.

- **Multi modes auto control**

The device can support schedule control, timer control, wireless sensor trigger to control the valve etc. It also can connect wireless temperature sensor and auto turn on-off valve according temperature settings.

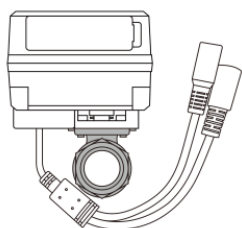
- **Optional valve size**

Default DN15 brass valve size, optional DN8-DN32 available.

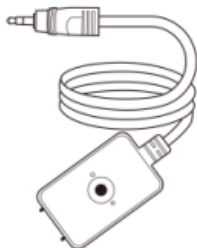
Technical Specification:

Product size	67×58×55 mm (Control unit) 56×31×31 mm (brass valve)
4G LTE Frequency	Cat1 LTE FDD: B1, B3, B5, B7 ,B8 ,B20 LTE TDD: B40 2G support.
SIM card slot	Standard SIM card 15×25mm
Valve size	Brass DN15 (Optional DN8-N32)
Valve body thread	Default BSP (Optional NPT)
Working pressure	Max 1.0 MPa
Motor power	<5W
Valve on-off time	3-4 seconds
Waterproof IP level	IP44
RF frequency	434Mhz, 20-30 meters range
Power supply	DC 12V 1A

Packing Content:



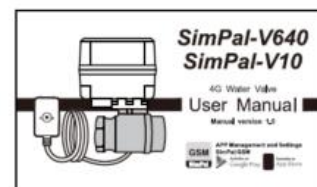
4G water valve
(1 pcs)



Water detector
(1 pcs)



Power adapter
(12V 1A 1pcs)



User Manual
(1 pcs)