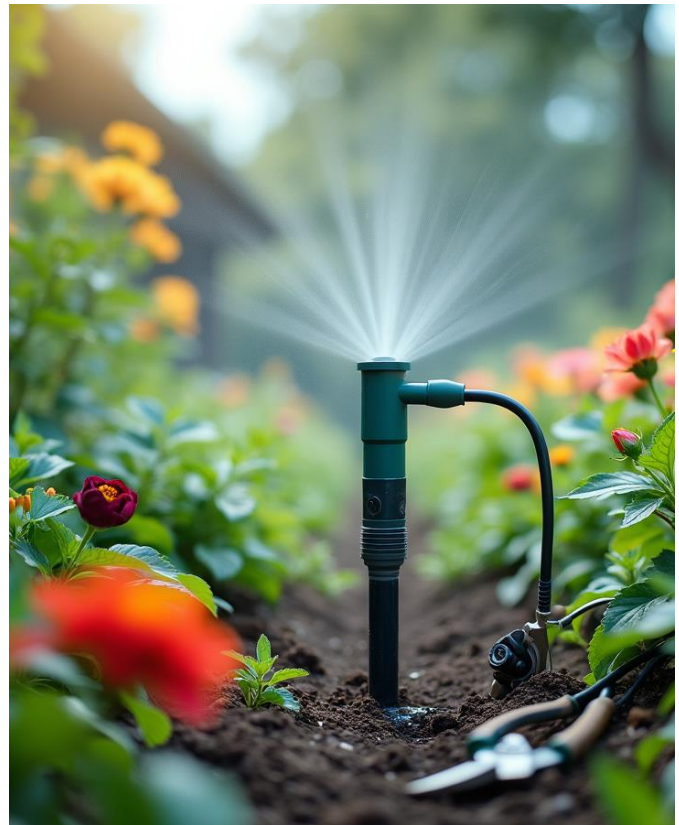




Smart Irrigation

Revolutionizing irrigation with cutting-edge IoT technology for sustainable farming



Designed for versatility, Petit.iot smart irrigation IoT system effectively handles irrigation needs from small garden spaces to extensive farm areas

MCU

Specification		
	Model: SI2	Model: SI2C
Temperature ° C	-40 to 80	-40 to 80
Soil moisture %	0 to 100	0 to 100
Communication protocol	<ul style="list-style-type: none">StandaloneWiFi (2.4GHz)NB-IoTLoRaWAN (Class A)	<ul style="list-style-type: none">StandaloneWiFi (2.4GHz)NB-IoTLoRaWAN (Class A)
I/O for valve interface	No	Yes
Power	Replaceable battery for 2 years of normal operation	Replaceable battery for 2 years of normal operation
Protection	IP67	IP67
Dimension	250 mmx80 mmx50 mm	250 mmx80 mmx50 mm
Weight	720 gram	850 gram

Valve

Specification	
Connectivity	Wired (2M long) to MCU
Response time	30ms
Working temperature ° C	1 to 80
Working pressure	0.02 to 1.0Mpa
Protection	IP67
Connection	Inlet G1/2, outlet G1/2

Model for Order		
	Model: SI2	Model: SI2C
Stand alone and WiFi	SI2	SI2C
LoRaWAN	SI2L	SI2CL
NB-IoT	SI2N	SI2CN