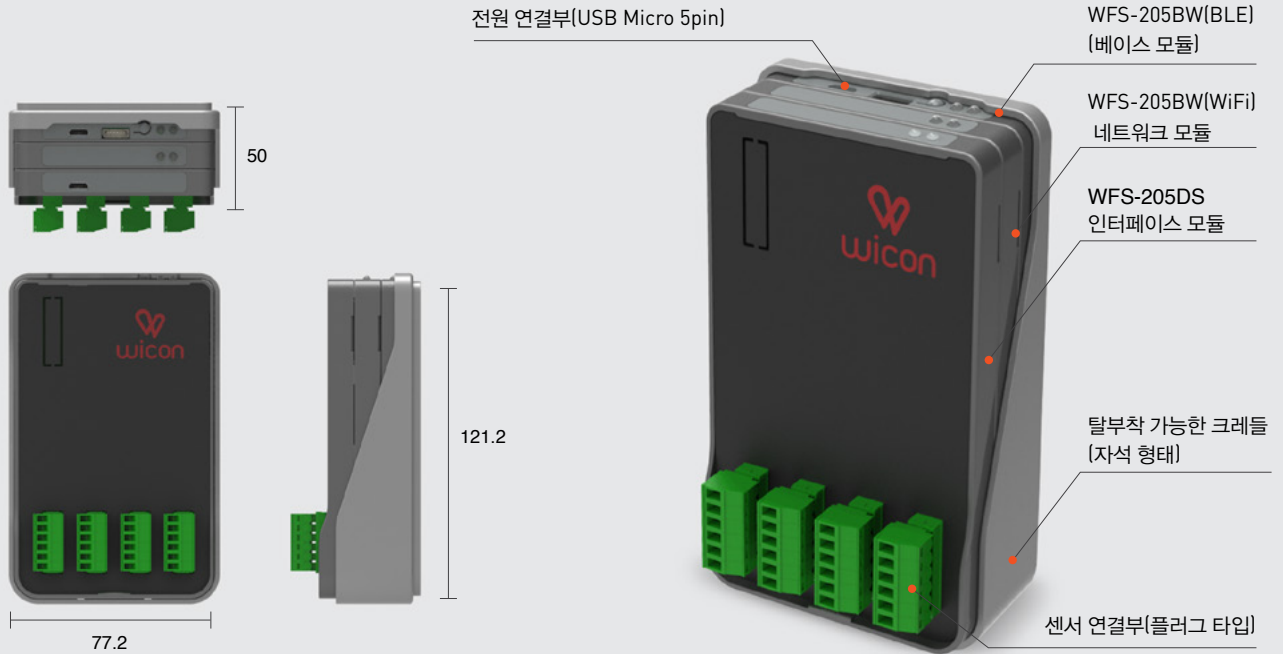


스마트팩토리 IIOT 디바이스, wicon



· Device specification

Specification	Value	Remark
Input Voltage	USB power supply DC 5V / 2A	-
Power Consumption	10W Under	Except Sensor
Operation temperature	-30°C~ 75°C	-
Processor	ARM Cortex-M3 / M4	BLE / Wifi
Clock	48Mhz / 80Mhz	BLE / Wifi
RAM	28kByte / 256kByte	BLE / Wifi
ROM	128Kbyte / 4Mbyte	BLE / Wifi
Bluetooth	BLE only 4.0	-
WiFi	802.11 b/g/n (20Mhz only)	-
Security	WPA2	-
WiFi Max Throughput	13Mbps	Application level
WiFi RX Sensitivity	-95.7 dBm / -74.0 dBm	1 DSSS / 54 OFDM
Antenna gain	Chip antenna 1.9dBi	-

· Sensor input specification

Input	Type	Measurement Range	Remark	Order Number
Analog	Temperature	0~1000°C	+2°C Accuracy Range 0~250°C (within Reference Junction 25~100°C)	"K"
	Volt	0~10 V	16bit Resolution	"V"
	Current	0~20 mA	16bit Resolution	"A"
	Resistance	50~10kΩ	Not support 3-wire RTD, But if you want to use it, short the calibration line and use it.	"R"
Digital	DC	12~24V	Isolation input NPN, PNP, Dry contact	"D"
Serial Interface	I2C	I ² C	3 Axis Accelerometer vibration	"C"
	Serial	RS-232/485	Serial Interface	"S"
Unused	-	-	-	"X"