



NS100B



## IOT Beacon (NS100B)

NS100B probe follows LoRaWAN standard for IOT data collection

### OVERVIEW

- Follows LoRaWAN standard
- Converts and transmits analogue sensor data out to the gateway
- Supports RS323/485 input
- Can be remote controlled from the cloud or the gateway
- Energy efficient with optional battery, with battery life lasting 3 years
- Can be connected to solar power

<b>Product Code</b>	<b>TPL-GBC003</b>
<b>Performance parameters</b>	
<b>Processor</b>	STM32L, ultra low standby power
<b>RS232 connector</b>	1
<b>USB connector</b>	1
<b>Analogue input</b>	3 way
<b>Relay switch</b>	One
<b>LoRaWAN Tx/Rx connector</b>	RP-SMA
<b>LoRaWAN working mode</b>	Single channel, Class A/C
<b>Physical parameters</b>	
<b>Weight</b>	1.0Kg
<b>Material</b>	Aluminum
<b>Power supply</b>	
<b>Input voltage</b>	DC 5 – 24V
<b>Power consumption</b>	0.1 W (standby voltage 0.005W)
<b>Battery (optional)</b>	Battery life 3 years
<b>Other parameters</b>	
<b>Working temperature</b>	-30 ~ 75 °C
<b>Size</b>	140 x 140 x 80 mm
<b>Material</b>	Cast aluminum
<b>Weight</b>	1000g