



# Agricultural IoT Product Provider



**Make agricultural production smarter and more efficient  
Help farmers increase production and income**



Temperature / Humidity



Water



The soil



Environment



Sensing



## Company introduction

Changsha Zoko Link Technology Co., Ltd. (Brand: NiuBoL) : production and sales of soil nitrogen, phosphorus and potassium sensors, soil PH sensors, soil moisture sensors, soil temperature and humidity sensors, soil Electrical conductivity sensors, automatic weather stations, wind speed sensors, wind direction sensors, ultrasonic integrated sensors, louvered box temperature, humidity and pressure sensors, rain sensors and other sensors, and widely used in poultry breeding , greenhouse automation, irrigated agriculture, forest monitoring, digital agriculture and other application scenarios.

With reliable quality, complete range and reasonable price, our products are exported to many countries such as USA, Argentina, Egypt, India, Thailand, Singapore, Malaysia and Australia. And we will always keep the momentum of development, continue to deeply expand the market, and cooperate with everyone for a win-win situation.

Whether it is treating products or customers, we have always been adhering to the business management philosophy of "seeking truth and being pragmatic, and striving for excellence". When dealing with products, every employee of Zhongke Zhilian is meticulous, and firmly grasps the quality of each product. When treating customers, we will provide the most professional advice and provide customers with the most professional and most suitable products. For after-sales, we value every customer's feedback and deal with customer needs immediately. A perfect after-sale can best reflect the true value of a product.

### Core competence



#### Focus on agriculture

Deep technical precipitation  
User-centric  
Boutique to open up the market



#### Fully self-produced

Professional R&D team  
Standardize the production base  
Standard Quality Control



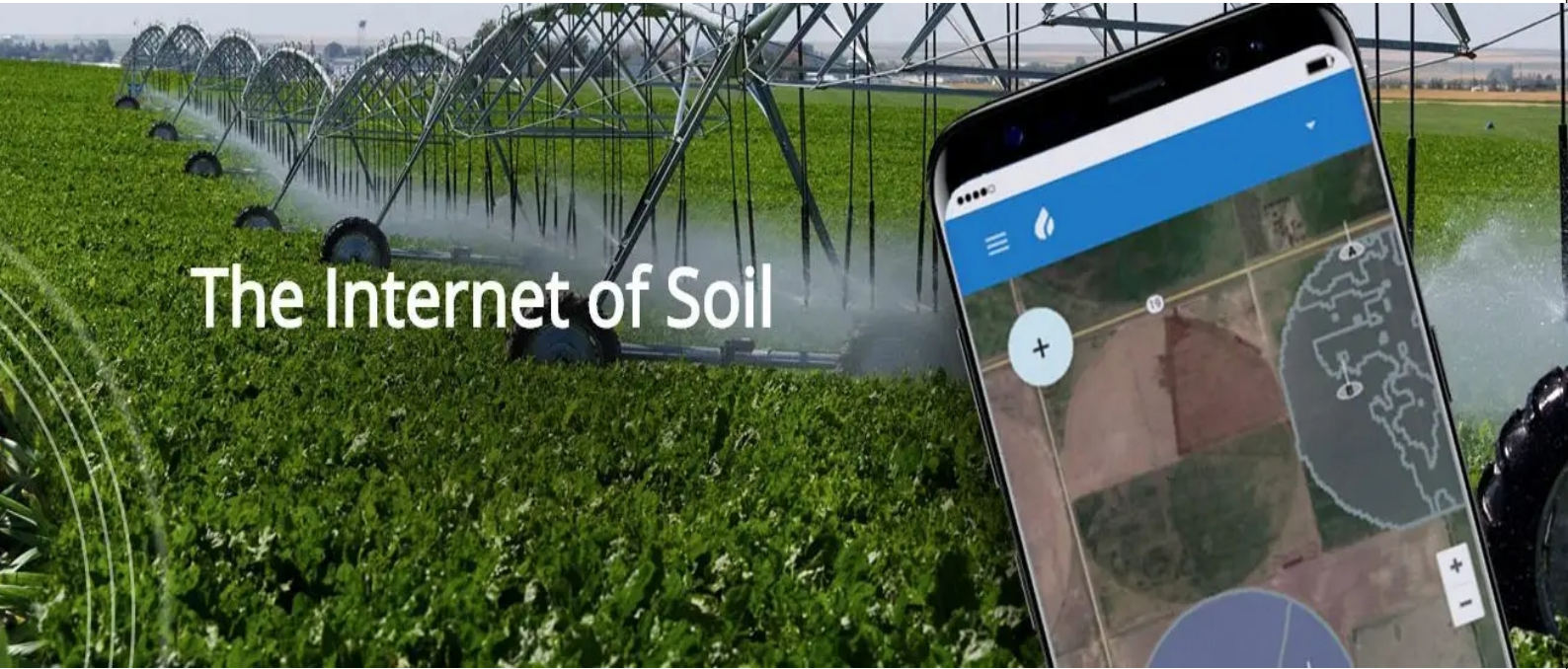
#### One-stop customized service

Better understanding of needs tailor-made  
System integration extension development  
Customized special service



#### Sound service system

Professional marketing team  
Efficient technical support  
Reliable after-sales service



The Internet of Soil

## Soil sensor series



NBL-S-PH/Soil PH value sensor, which solves the shortcomings of traditional soil PH, such as needing to be equipped with professional display instrument, cumbersome calibration, difficult integration, high power consumption, high price, and difficult to carry.

Can be widely used in agricultural irrigation, flower gardening, grassland pastures, soil rapid testing, plant cultivation, scientific experiments and other fields.



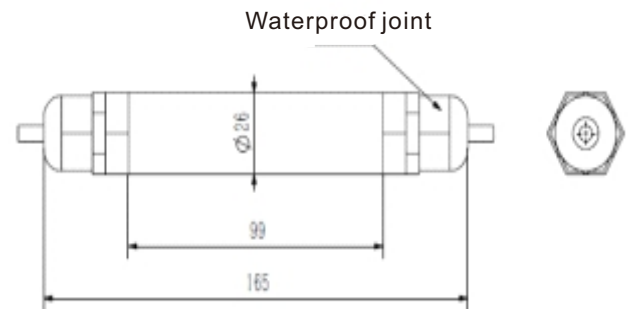
### Performance characteristics

- ▮ Not easy to block, maintenance free
- ▮ High integration and small size
- ▮ Low power consumption, easy to carry
- ▮ Real low cost, low price, high performance

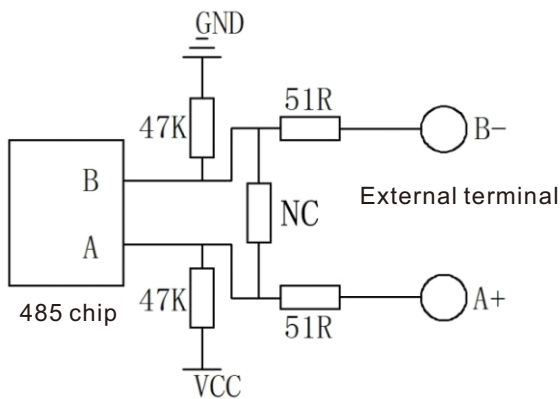
### Technical parameter

Measuring range	0-14pH
Accuracy	±0.1pH
Resolution	0.01pH
Response time	<10 seconds (in water)
Power supply method	DC 12V-24V
Output format	<input type="checkbox"/> Rs485 <input type="checkbox"/> 0 ~ 5V <input type="checkbox"/> 4 ~ 20mA
Instrument cable length	10 meters
Working environment	Temperature 0~80℃, humidity 0~95%RH
Power consumption	0.2W
Shell material	Waterproof plastic case
Transmitter size	98*66*49mm

### Product Size



### Rs485 circuit



### Specifications and models

Model	Power supply	output method	Description
NBL-S-PH			Rain sensor (transmitter)
	12V-24V		12V-24V power supply
		A1	4-20mA
		V	0-5V
		W2	Rs485

Example: 12V-A1: Soil PH Sensor (Transmitter)  
12V power supply, 4-20mA current signal output

### Application field



Agricultural irrigation



Greenhouse farming



Soil Quick Test



Meadow pastures



Flowers and vegetables

## Product application scenarios



**Make agricultural production smarter and more efficient  
Help farmers increase production and income**



**NiuBoL**

Changsha Zoko Link Technology Co., Ltd

Tel: +8615367865107

WhatsApp/WeChat: +8615367865107

Email: [sales@zoko-link.com](mailto:sales@zoko-link.com)

Website: [www.zoko-link.com](http://www.zoko-link.com)

Address: Room 102, Zone D, Houhu Industrial Park, Yuelu  
District, Changsha City, Hunan Province, China