

Rkl-05 radar velocity meter is a non-contact radar velocity measurement device, which can effectively monitor surface velocity of water flow in various channels and natural channels. The product is easy to install and maintain, and easy to operate. Widely applicable to water. In the fields of literature, flood control and drainage, environmental pollution monitoring, etc., 7x24 hours online monitoring is realized

## FEATURES

- Adopt 24GHz frequency electromagnetic wave
- Simple construction and installation, low power consumption, economical and applicable
- High IP68 protection level, maintenance free
- Does not destroy the water flow state, guarantees the measurement data accurate
- 7X24 online automatic monitoring, unattended



## APPLICATIONS

- River water level measurement
- Lake water level measurement
- Shallow water level measurement
- Hydrographic survey
- Irrigation open channel water flow monitoring system

## SPECIFICATIONS

Item	Technical specifications
frequency	24GHz
range	0.1 ~ 20 m/s (It has to do with the flow pattern)
Accuracy	±0.01m/s ; ±1%FS
Resolution	0.01m/s
beam Angle	12 °
Pitch Angle	30 ~ 70 °
Intelligent perception and compensation of attitude Angle	Accuracy±0.5°; Resolution±0.1°
Supply	DC6 ~ 30V (suggested use 12 v)
Power consumption	Working current :40mA@12V; Standby current :5mA@12V
Output	RS485(MODBUS-RTU)
Working temperature	- 40 °C ~ + 80 °C
Protection grade	IP68
Product size	105*105*60mm
weight	0.45Kg
Cable length	10 m(default), customizable



Complies with applicable CE directives.  
Specifications subject to change without notice. Version 3.0  
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