

[Features]

- Principle: complies with EPA method NIEA W219.52C. IR light with 90° scattered-light detection of turbidity.
- Housing: SUS316L stainless steel with POM, corrosion resistant.
- Dual RS-485 and WiFi interfaces; RS-485 runs Modbus.
- Built-in wiper stops fouling and bubbles; interval is adjustable.
- Runs one cleaning cycle automatically at power-on.
- Sapphire window; immune to interference and colour.
- Sample-based calibration allows on-site adjustment.
- Range 0~4000 NTU, tap water to high-turbidity wastewater.
- IP68 rated, CNS 14165 tested for long-term submersion.



[Applications] Wastewater, reclaimed water, aquaculture, rivers and lakes.

[Model Selection]

TB-485-Code 1-Code 2-Code 3

Code 1	Sensor Cable	Code 2	Gateway Cable	Code 3	WiFi Function
N	10 m + Cable head	N	3 m	N	Direct sensor output
C	10 m + Quick connector	C	3 m + Quick connector		
Value	Length	Value	Length	W	Wifi web page function
Value C	Length + Quick connector	Value C	Length + Quick connector		

※If Code 3 = N, please select N for Code 2

[Specifications]

Principle	90° IR Scattered Light
Range	0~4000 NTU
Det. Limit	0.5 NTU
Resolution	0.01 NTU
Accuracy	±5%
Temp. Range	0°C ~ 45°C, auto comp.
Max. Press.	0.2MPa
Calibration	Standard or Sample
Power	9~36VDC
Consumption	1.0W (wiping) / 0.5W
Dimensions	Ø50*212mm
Protection	IP68
Housing	SUS316L, POM

[Dimensions] Unit:mm

