



OP-USB Optical Probe

For Meter Communication



Designed for Heavy Duty
The Most Robust Metering
Optical Probe Ever

- Ultrasonic welding ensures a robust housing for the product, water proof and dust proof.



- Nylon braided cable enhancing durability and reliability.
- No external power supply required.
- Work with your existing device and software, no additional integration needed.
- Supports transparent mode.
- The infrared optical filter can block ambient light interference without compromising the device's sensitivity to IR.



OP-USB-ANSI
Complied with ANSI C12.18 Type 2



OP-USB-IEC
Complied with IEC 62056-21



Water proof
Dust proof

Support Windows, MacOS, Android, Linux



Certifications



Sub-Models

OP-USB-IEC

IEC 62056-21(IEC 61107) compliant



The meter shown in above picture is not a product of TESPRO.

OP-USB-ANSI

ANSI 12.18 Standard

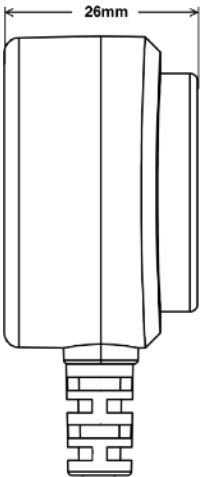


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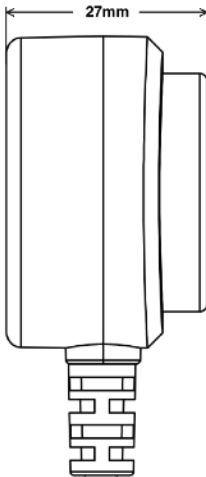
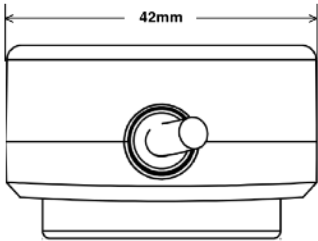
Technical Specifications

Standard:	OP-USB-IEC: IEC 62056-21(IEC 61107) OP-USB-ANSI: ANSI C12.18 Type 2 DLMS
Connector:	USB-A, 2.0
Communication:	300bps ~ 57,600bps, full duplex
Magnet Attachment:	Magnetic Force, N4.0 Complied with IEC 62056-21(IEC 61107) or ANSI C12.18
Indicators:	1 Indicator with dual display: LED Red: Transmitting LED Green: Receiving
Weight:	75gr
IR Radiation Wavelength:	940nm
IR Communication Distance:	0 ~ 80mm
IR Sensor Wavelength	700~1100nm
Voltage:	3.3 ~ 5V
Cable Length	2 meters (6.5 feet), cable extension available
Casing Material:	Polycarbonate
Protection Class:	IP67
Operating Temperature:	-30°C ~ 80°C

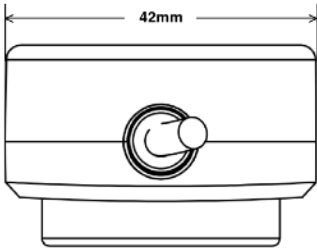
Dimensions



OP-USB-IEC



OP-USB-ANSI



Contact Us

Connect Your Meters

Zenovate has the world's most complete product line of Meter Optical Probes, ranging from USB to Bluetooth, comply with your various AMR applications, compatible to all mainstream metering devices.

In the past two decades, Zenovate has been a global supplier to world famous utilities and metering companies. We've been closely working with all metering manufacturers to ensure the accuracy, stability and compatibility with their devices.

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