



TP-USB

Series Communication Optical Probe Data Sheet



Windows



Android



Protection IP54



CE Certification

RoHS

RoHS Certification

TP-USB Series Optical Probe was designed by Tespro in 2005. The up-to-date technologies and the general application property for almost all kinds of electric meters and thermo meters make it very unique among the optical probe families.

Tespro China has always adhered to the principle of quality first, and this product has always adopted the original USB chip from FTDI in the UK, which can achieve plug and play for all operating systems without the need to install any drivers, making it more convenient for customers to use. At the same time, we insist on using wide temperature cable materials to ensure that the product can work normally between -40°C and $+70^{\circ}\text{C}$. For 20 years, as always, adhering to quality is our pursuit. TP-USB was originally designed and manufactured by Tespro Electronics Co., Ltd.(Tespro China).

Technical Specifications

Items	Features
Communication Interface	USB-2.0
Supported Standard	IEC 62056-21 / ANSI / ANSI-Type2/DL/T-645
Sub-Models	TP-USB-IEC: Compliant with IEC-62056-21 (Mod C & E) TP-USB-ANSI-N: Compliant with ANSI C12.18 TP-USB-ANSI-S: Compliant with ANSI C12.18-2006 type2 TP-USB-IR645: Compliant with DL/T-645-97/07
Maximum B.R.	57600 in normal and max.115200 available
Connector	USB A male connector
Sensor Light Wave Length	~ 900 nm.
Cable length	2M in normal and 3M/4M/5M for option
Fastening	Strong magnetic adhesion (in accordance with IEC 62056-21)
Magnet Holding Power	N40 / N52 (Optional)
Mechanical	Impact ABS+PC housing
Environment	Application temperature: -40°C~70°C in normal
Diameter & Height	Optical port 32mm Diameter / L45xH30mm
Weight	88 gr
Enclosure Material	ABS + PC
Protection Class	IP 54



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