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TP-BT-PLUS with Protective Case

TP-BT-Plus Data Sheet

| Android | IOS | Bluetooth SPP+BLE | Identification | Protection IP54 |

Tespro's TP-BT-PLUS Bluetooth optical probe is designed for efficient and versatile meter communication,supporting both Classic Bluetooth and Bluetooth Low Energy.Built with a low-power Chip set,it offers long-lasting battery life and fast charging via a Type-C interface.With IP54 protection,an LED indicator,and Bluetooth OTA update capability,it ensures stable performance in various environments.

The TP-BT-PLUS supports IEC,ANSI, and DL/T-645 protocols,making it suitable for global applications.In addition,it enables Automatic Meter Reading(AMR)functionality for convenient and reliable remote data collection.Certified by the Bluetooth SIG,the device combines quality,durability,and smart functionality in a compact form.

| (1)USB Charger Adapter | (2)Charger Cable | (3)Safety Strap | (4)Bluetooth Adapter(Option) | (5)Protecfve Case |

Technical Specifications

Category	Items	Features
Communication	Communication Interface	BLE and SPP dual-mode
	Supported Standard	IEC-62056,ANSI,and DLT-645 protocols, fiting global meter standards
	Computer Communication Port	Type C-USB 3.0/OTG
	Maximum Data Rate	57600 in normal and max.115200 available
	USB Connection Optical Probe	Supported(Add Data Cable)
	Transparent Communication Mode	IEC62056-21 Mode C/Mode E/User Mode
	Smart Communication Mode	There is (IEC 62056-21 Mode C / Mode E)
	Maximum Frame Length	512 bytes
	Firmware And Configuration Update	OTA
	Automatic Meter Reading(AMR)	Support
Power & Battery	Battery Feature	800 mAh(Optional)
	Battery Charging Time	Max 100 hours
	Working Days	~ 30 Days
	Standby Time	~1 Year
	Auto power-off	Default auto power-off after 5 minutes (adjustable)
Hardware & Controls	Sensor Light Wave Length	~ 900 nm.
	Number Of Keys	2 Keys(Power and reading)
	LED Indicators	5 LEDS(Power/Communication/Charg/BLE/Reading)
	LED Flashlight	Yes(Include)
	MagnetHolding Power	N40/N52(Optional)
Mechanical & Enclosure	Width &Height	31,5 mm/33,5 mm
	Weight	65gr
	Enclosure Material	PC
	Silicone Protection	Yes(Included)
Environmental	Working Environment	-40℃ ...... +70℃
Physical Specifications	Protection Class	IP 65
Accessory	Safety Strap	Yes(Included)