



# TP-BT

Series Communication Optical Probe DataSheet



Android



IOS



Bluetooth SPP+BLE



Identification



Protection IP54

TP-BT is a new series of Tespro China optical family, which supports Bluetooth communications with Mobile Phone, PDA, PC and other devices. TP-BT has unique features designed with MCU, TP-BT has been designed in such a way that one BT probe can be used as two. It functions both Bluetooth optical probe as well as normal Tespro USB connection optical probe.



(1) USB Charger Adapter



(2) Charger Cable



(3) Safety Strap



(4) Bluetooth Adapter (Option)

# Technical Specifications

Category	Items	Features
Communication	Communication Interface	Bluetooth 4.0 SPP+BLE
	Supported Standard	IEC 62056-21 / ANSI / ANSI-Type2
	Computer Communication Port	USB 2.0 / MiniUSB / USB-OTG
	Maximum Data Rate	57600 in normal and max.115200 available
	USB Connection Optical Probe	Supported(Add Data Cable)
	Transparent Communication Mode	IEC 62056-21 Mode C / Mode E / User Mode ANSI C12.18 / ANSI C12.18-2006 type2
	Smart Communication Mode	There is (IEC 62056-21 Mode C / Mode E)
	Maximum Frame Length	SPP-1024 / BLE 20 bytes
	Firmware And Configuration Update	Yes (with USB or Bluetooth )
Power & Battery	Battery Feature	3,7 V / 800 mAh
	Battery Charging Time	3 Hours-MiniUSB (Not Supported PD Fast Charge)
	Duration of communication	~24 Hours
	Standby Time	~ 30 Days
Hardware & Controls	Sensor Light Wave Length	~ 900 nm.
	Number Of Keys	1 Keys (Power)
	LED Indicators	3 LEDs (Power / Charge / Communication )
	Magnet Holding Power	N40 / N52 (Optional )
Mechanical & Enclosure	Diameter & Height	31,5 mm Diameter / 33,5 mm Height
	Weight	65 gr
	Enclosure Material	PC
	Silicone Protection	Yes ( For option )
Environmental	Working Environment	-40°C ..... +70°C
Physical Specifications	Protection Class	IP 54
Accessory	Safety Strap	Yes ( For option )



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