



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(Optional)

Technical Specifications

Items	Features
Communication Interface	Bluetooth 4.0 SPP+BLE
Supported Standard	IEC 62056-21 / ANSI / ANSI-Type2
Battery Feature	3,7 V / 800 mAh
Battery Charging Time	3 Hours-MiniUSB (Not Supported PD Fast Charge)
Computer Communication Port	USB 2.0 / MiniUSB /USB-OTG
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)
Maximum Data Rate	57600 in normal and max.115200 available
USB Connection Optical Probe	Supported(Add Data Cable)
Diameter & Height	31,5 mm Diameter / 33,5 mm Height
Weight	65 gr
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
Silicone Protection	Yes (For option)
Safety Strap	Yes (For option)
Working Environment	-40° C +70° C
Enclosure Material	ABS + PC
Protection Class	IP 54
Firmware And Configuration Update	Yes (with USB or Bluetooth)
Duration of communication	~24 Hours
Standby Time	~ 30 Days