



TP-USB-IrDA Communication Optical Probe DataSheet



Windows



Android



Protection IP54



CE Certification

RoHS

RoHS Certification

The TP-USB-IrDA is used for local serial communication by IrDA between metering terminal and meter. One end adopts the SIR IrDA mode, while the other end connects to a PC or HHT with USB-A or USB-C interface.

SIR IrDA mode: 9600bps to 115200 bps, equivalent to the basic serial infrared standard with the physical layer version IrPhy 1.0.

* Compatible with SIR IrDA , IrPhy 1.0.

* Using Infrared Transceiver TFBS4711.

* 5 Selectable Baud rate: 9600 bps,19200 bps,38400bps,57600bps,115200bps.

Technical Specifications

Items	Features
Communication Interface	USB2.0 and USB3.1
Supported Standard	SIR IrDA , IrPhy 1.0 Standard IrDA link distance of 1 m
Baud Rate	9600/19200/38400/57600/115200, 5 choose 1
Maximum B.R.	115200 bps
Connector	USB-A or USB-C
Sensor Light Wave Length	850-900nm
Cable Length	2M in normal and 3M/4M/5M for option
Fastening	Strong magnetic adhesion
Magnet Holding Power	N40 / N52 (optional)
Material	ABS + PC
Enviroment	Application temperature: -40℃~70℃ in normal
Diameter & Height	Optical port 32mm Diameter / L45xH30mm
Weight	95gr
Protection Class	IP54



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