OP-204
Optical probe with USB output signal

Overview

OP-204 is an IEC62056-21 optical head with USB (USB Type C) output that communicates with all types of metering devices that are compliant with IEC62056-21 standard via infrared.

This device can be used for onsite reading and configuring of all types of meters or other devices that are compatible with IEC62056-21 standard.

OP-204 is compatible with different operating systems such as Mac, Windows, Windows Mobile, Linux, etc. use. The driver for this purpose is included.

Mechanical description

Connector	USB-C
Infrared filter against external light influences	
Dimensions (Ø x H)	approx. 32 x 26 mm
Magnetical holding force	> 15 N
Casing material	ABS
Cable	Length 2 m, Ø 4,5 mm, four-wire cable LAPP GERMANY
Weight	approx. 90 gr

Electronical Description

Standard	IEC 62056-21 (IEC 1107)
Power consumption	approx. 25 mA (communication)
Operating voltage	5 V from the USB interface
Data baud rate	from 300 to 19200 bit/s
Electrical interface	USB 1.0
Communication	Half duplex
Wavelength	880nm
Echo filter	yes

Driver Support (VCP)

Royalty free Virtual COM PORT (VCP) Drivers

Windows 10 32, 64-bit
Windows 8 32, 64-bit
Windows Vista 32, 64-bit
Windows 7 32, 64-bit
Windows Server 2003, 2008
Windows XP 32, 64-bit
Windows XP Embedded
Windows CE 4.2, 5.0 and 6.0
Mac OS-X
Linux 3.2 and greater
Android

Driver Support (D2XX)

Royalty free D2XX Direct Drivers (USB Drivers + DLL S/W Interface)

Windows 10 32, 64-bit
Windows 8 32, 64-bit
Windows Vista 32, 64-bit
Windows 7 32, 64-bit
Windows Server 2003, 2008
Windows XP 32, 64-bit
Windows XP Embedded
Windows CE 4.2, 5.0 and 6.0
Mac OS-X
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Android

Optical Port

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GM-0204-2010-PB-00

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