

BLUSKY
Simple yet effective
www.opticalprobe.net

All type of BLUSKY optical probes are manufactured according to the IEC62056-21 (former IEC1107) standards and they are compatible with all brand and type of meters. It has been successfully tested more than 40 types of meters from more than 20 different brands.

Various types of optical probes are available according to the customer needs and even custom type optical port can be manufactured according to the desired specifications. Also free meter reading software READY is available with the optical probes for reading the data of all kind of meters that are equipped with IEC 62056-21 optical probe interface with different language options.

BSC1111

RS232 Optical Probe

BSC1141

USB Optical Probe

BSC1151

Mini USB Optical Probe



BSC1111



Mechanical Specifications

Diameter:	32mm
Height:	29,5mm
Magnetic Force:	N36
Body Material:	Poly Propylene
Back Cover:	ABS
Transparent Parts:	Transparent Polycarbonate
Weight:	~125gr

Electrical Specifications

Standards:	IEC 62056-21 (former IEC 1107)
Cable Length:	3m
Data Communication Speed:	max 19200 baud
Operating Voltage:	3,3V (Passive port powered by DTR and/or RTS signals)
Electrical Interface:	RS232
Wavelength:	~900nm

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BSC1141

BSC1151

RS232 Optical Probe

USB Optical Probe

Mini USB Optical Probe

RS232 optical probe to use with all types of meters. It is the economical and easy to integrate solution for local reading of meters with handheld units or laptops with RS232 interfaces. The optical probe has two LEDs on the back side which show the operating conditions of the communication and this also makes it very easy to use and monitor the communication status.



BSC1141**Mechanical Specifications**

Diameter:	32mm
Height:	29,5mm
Magnetic Force:	N36
Body Material:	Poly Propylene
Back Cover:	ABS
Transparent Parts:	Transparent Polycarbonate
Weight:	~125gr

Electrical Specifications

Standards:	IEC 62056-21 (former IEC 1107)
Cable Length:	3m
Data Communication Speed:	max 19200 baud
Operating Voltage:	5V (Passive, port powered by USB)
Electrical Interface:	USB 2.0 or 1.1
Wavelength:	~900nm

BSC1141 BSC1151

USB optical probe saves your time for finding a USB to serial converter device to use with non USB optical probes in case of you don't have RS232 input on your laptop computer and it also avoids you to overcome the problems that have been introduced by those converters. The optical probe has two LEDs on the back side which show the operating conditions of the communication and this also makes it very easy to use and monitor the communication status.

USB Optical Probe**Mini USB Optical Probe**

BSC1151**Mechanical Specifications**

Diameter:	32mm
Height:	29,5mm
Magnetic Force:	N36
Body Material:	Poly Propylene
Back Cover:	ABS
Transparent Parts:	Transparent Polycarbonate
Weight:	~125gr

Electrical Specifications

Standards:	IEC 62056-21 (former IEC 1107)
Cable Length:	3m
Data Communication Speed:	max 19200 baud
Operating Voltage:	5V (Passive, port powered by USB)
Electrical Interface:	USB 2.0 or 1.1 (with replaceable mini USB cable)
Wavelength:	~900nm

BSC1151**Mini USB Optical Probe**

Flexible usage with detachable mini USB cable. Save space and get rid of cable mess. Easy to extend the cable length by just replacing the detachable cable with new longer one. USB optical probe saves your time for finding a USB to serial converter device to use with non USB optical probes in case of you don't have RS232 input on your laptop computer and it also avoids you to overcome the problems that have been introduced by those converters. The optical probe has two LEDs on the back side which show the operating conditions of the communication and this also makes it very easy to use and monitor the communication status.



Other Types

Custom Made Optical Probe



Mechanical Specifications

Diameter:	32mm
Height:	29,5mm
Magnetic Force:	N36
Body Material:	Poly Propylene
Back Cover:	ABS
Transparent Parts:	Transparent Polycarbonate
Weight:	~125gr

Electrical Specifications

Will be identified according to the customer needs.

Custom purpose optical probe to use with customer specific devices. Just give us the specifications of the connected media and other necessary information and you will get instantly an easy to use optical probe that also has two LEDs on the back side which show the operating conditions of the communication to easily monitor the communication status. We have successfully implemented handheld unit and gas corrector optical probe versions and we are able to implement other types for other purposes. Please contact us for more details.

 **Akrifenerji**
www.akrifenerji.com.tr

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