DEPSTECH

User manual

for Depstech® industrial endoscope

Thanks for choosing Depstech® 86T Industrial endoscope!

Depstech 86T Industrial endoscope was featured as a multifunctional industrial endoscope.

Thanks to ultra thin HD camera probe/ Flexible Simi-Rigid Cable, it not only compatible with most of engine's spark plug, but also brings you the highest definition and up to 30fps real-time image.

Equipped with Anti- Slipped Side Mirror, which can help you locate the carbon/ oil/ scratch as soon as possible and also help viewing tube wall.

Equipped with Type-C plug, you can easily get access to connect your Android Phone. Besides, it comes with some converter which make it possible to get the connection with the PC/ Laptop or cell phone with a micro-USB .

It's better to give it a shot right now!

NOTE:

Any suggestions or customer service needs are warmly welcomed by us. You can feel free contacting us via

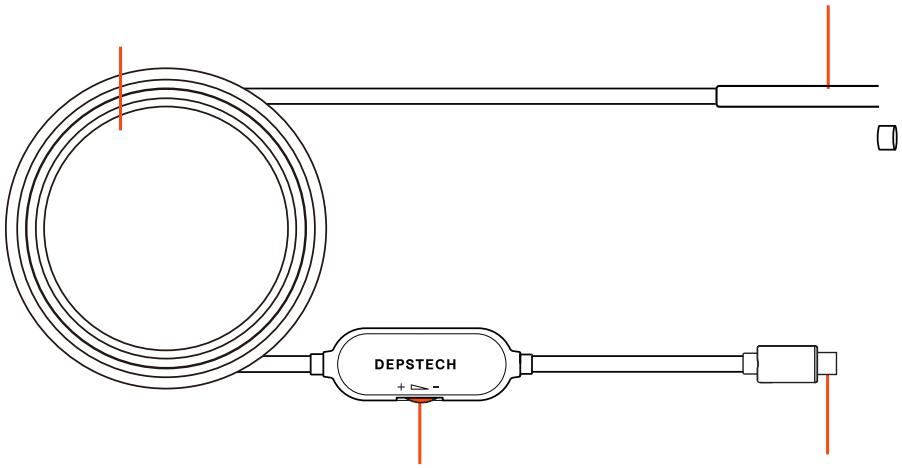
Email: support@depstech.com

Facebook Official Page: @DEPSTECH. FANS

Description of Different Parts

Different length of simi-rigid cable:
Compatible with different needs of length

IP67 rating HD camera probe + 6* Dimable LEDs



LED light dimmer:
Roll this gear to adjust the brightness of the LEDs

USB-C plug:
Can hookup with USB-C to USB-A / micro-USB converter

APP Download Guidance

For Android user, search and download “**DEPSTECH-View**” from **Google Play Store**.

Note:

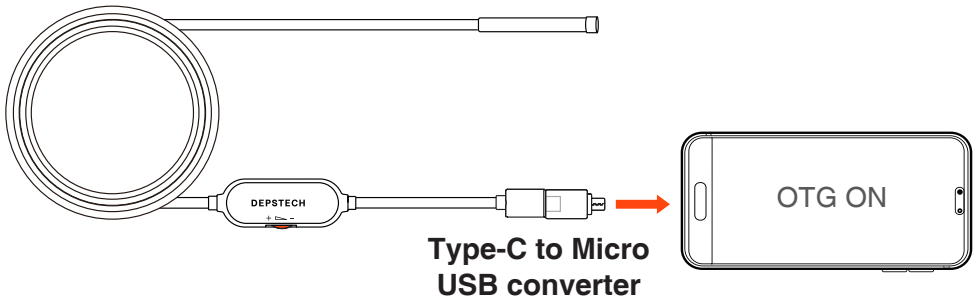
For Android 10 user, we’d recommend you download the compatible version “DEPSTECH-View” from **www.depstech.com**.

For Windows user, we would recommend you download the advertisement-free “**DEPSTECH-View**” application via **Microsoft Store** or **www.depstech.com**, or you can turn to the “**Camera**” application from Microsoft Store.

For Mac OS user, Simply used the “**PhotoBooth**” application to capture the real-time image.

Connection Guidance

For Android user



A: Confirm whether the phone supports the OTG function and whether the OTG function was turned on.

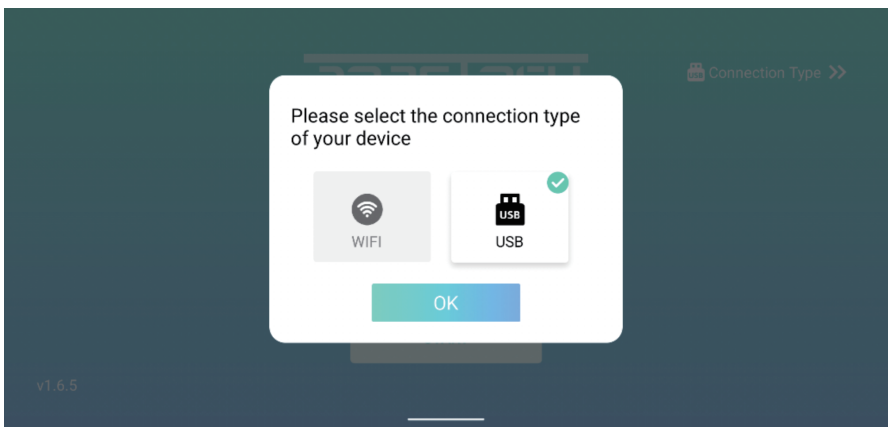
Note:

1. Once the connection of the endoscope and the Android phone finished, the app will tips you whether the Android phone support OTG function or not. If your deviece didn't support this function, please change another Android phone or contact us for returning process via: support@depstech.com

2. You can turn on the OTG function in the "Settings". For some brand of Android phone, it will turn off the OTG function per several minutes. Please regular check if you couldn't get the connection.

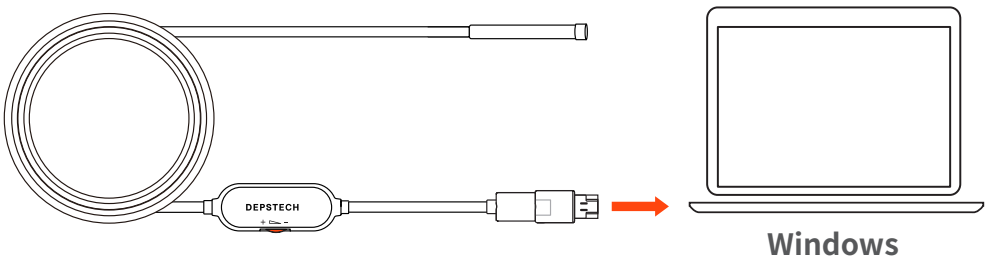
B: Connect the industrial endoscope to an Android phone with the USB connector (Pls notice the difference of Micro-USB/ Type-C, and connect the industrial endoscope properly.)

C: Open the "Depstech-View" application in the phone, please select the connection type as "USB" and click "Start", the screen will display the real-time transmission image captured by the industrial endoscope.



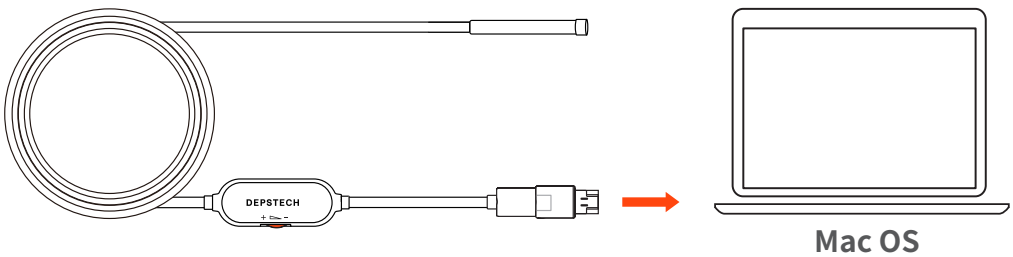
Note:
If the endoscope failed to get access to capture the real-time image, it may cause by the UVC protocol function of your Andorid phone has been disabled. Please update the android version or change a phone and try it again. Or you can contact us for returning process via: support@depstech.com

For Windows user



Connect the industrial endoscope with the Windows PC/ Laptop. After the connection, open the “Depstech-View” or the “Camera” application, the screen will display the real-time image of the industrial endoscope.

For Mac OS user



Connect the industrial endoscope with the Mac OS PC/ Laptop. After the connection, open the built-in “PhotoBooth” application. The screen will display the real-time transmission screen captured by the industrial endoscope.

Note:

This USB borescope is not compatible with IOS iPhone. Please note that the device still can not be connected to an iPhone under the following conditions:

1. Use the latest version of iPhone device with Type-C interface to connect the borescope (e.g. iPhone 15).
2. Use type-c to lighting adapter to connect the borescope and iPhone.

FAQ& Help

Q1: How to connect the USB endoscope to “DEPSTECH-View”?

A1: 1. USB endoscopes are only available for Android phone users. Please make sure you have turned on the OTG function of your phone. Go to the phone "Settings"-"About this machine"-"Software Information"-repeatedly click on "Kernel Version" or "Compilation Number" to open "Developer Mode". After opening "Developer Mode", please click "Settings"-"Developer Mode"-turn on "OTG Function";

2. Select the corresponding adapter(micro USB / type-C) to connect the mobile phone;
3. Open “DEPSTECH-View” to obtain real-time images of the endoscope. If only the loading icon rotates when the APP acquires the device image, this may be a hardware failure, please contact the seller of the device.
4. If you still can’t get the image in the above steps, it may be that the USB port of the phone is loose. Please try to connect to another Android phone and try again according to the above steps;
5. If your phone version is Android 10.0, please click the jump link in the App pop-up window to download the ““DEPSTECH-View” apk” installation package adapted to Android 10.0.

Q2: No response after plug the usb endoscope into your android phone?

A2: 1. If you got the “No OTG function” tips after plug the usb endoscope into your android phone but no image, your cellphone may not availiable for “OTG” function, please try to plug the endoscope into another phone.

2. Please remember to open the “OTG” function in the “Settting”, and for some model of cellphone it may turn off the “OTG” function automatically for serval minutes, please regularly check if the “OTG” function has been turn off or not.
3. The aging of the charging interface and the failure of the USB converter will cause the device to be unavailable. Please change a android phone or a USB converter and try to get connection again.
4. If you still couldn’t get the connection after following the steps, please contact the supplier for help.

Specifications

	86T 100w	86T 200w	86X 200w	86T 500w
Product name	Type-C industrial endoscope	Type-C industrial endoscope	Endoscope with 2 in 1 USB plug	Type-C industrial endoscope
USB type	Type-C	Type-C	Micro USB + USB-A	Type-C
Maximum resolution	1280*720px	1600*1200px	1600*1200px	2592*1944px
Diameter	0.21in	0.25in	0.25in	0.33in
Cable Length	11.5ft / 16.4ft			
Fixed focus range	2.75-15.74in	1.96-3.93in	2.75-15.74in	2.75-15.74in
FOV	60°	70°	80°	80°
Working Voltage/ Electric current	DC 5V/2A			
Waterproof grade	IP67			
Accessories	1*Magnet, 1*Hook, 1*Side-View mirrow, 1*Type-C to USB A converter, 1*Type-C to micro USB converter	1*Magnet, 1*Hook, 1*Side-View mirrow, 1*Type-C to USB A converter, 1*Type-C to micro USB converter	1*Magne 1*Hook, 1*Side-View 1*Holder 1*Micro USB converter	1*Magnet, 1*Hook, 1*Side-View mirrow 1*Type-C to USB A converter 1*Type-C to micro USB converter

Safety Warrenty

※ Operation and storage conditions: Please keep the device away from fire source/ liquid/ acidic. These may increase the risk of electrical shocks and damages of the device. The storage temperature should between 32-158°F. And the working temperature should between 32-113°F.

※ The Child can only operate this device with the guidance of adults, please do not let them operate this device alone.

※ FCC statement: This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

1) This device may not cause harmful interface;

2) This device must accept any interference received, including interference that may cause undesired operation.

※ EU Conformity Statement

This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2004/108/EC, the RoHS Directive 2011/65/EU and Amendment (EU)2015/863.

2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info



※ WEEE Notice: The directive on Waste Electrical and Electronic Equipment (WEEE), which entered into force as European law on 14/02/2014, resulted in a major change in the treatment of electrical equipment at end-of- life.

The purpose of this Directive is, as a first priority, the prevention of WEEE, and in addition, to promote the reuse, recycling and other forms of recovery of such wastes so as to reduce disposal.

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UK REP: DST Co.,Ltd. Fifth Floor 3 Gower Street, London, WC1E 6HA, UK

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