USER MANUAL

IC3430   INSPECTION CAMERA
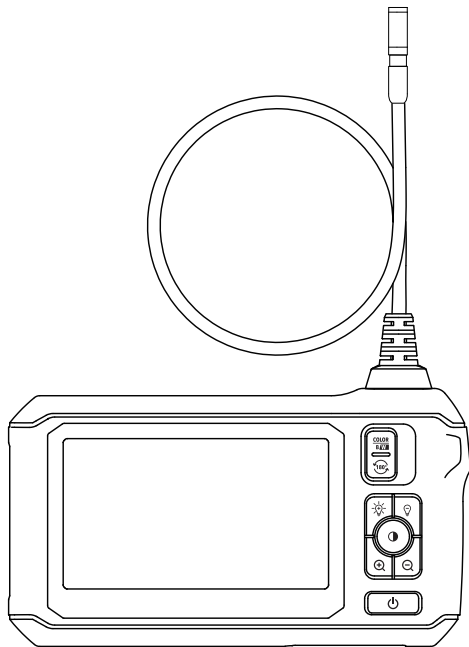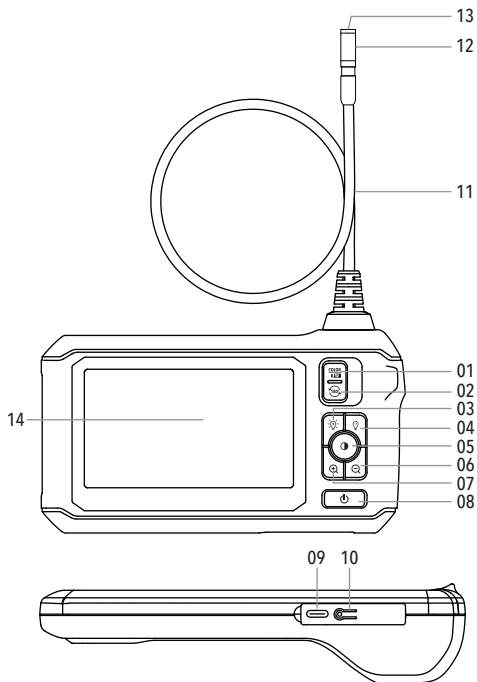
Manual in your language?

Check the back cover

FUTECH MAKE IT EASY

OVERVIEW

■ **DEVICE**

01 Image selection (black & white or color)

02 Rotate image

03 Increase light

04 Reduce light

05 Contrast button

06 Zoom out

07 Zoom in

08 Power On / Off

09 Charging connector (USB type C)

10 Reset button / battery indicator

11 Gooseneck

12 Camera

13 LED lights

14 Display

SAFETY

Please read the safety instructions provided as separate booklet with the device.

This product is an inspection camera for industrial and building applications. It is not intended for medical use or human examination.

Do not hit the camera violently and do not pull the camera or gooseneck.

When used in an environment with sharp bumps, please use it carefully to prevent the waterproof protective layer of the camera or gooseneck from being scratched.

This inspection camera is not heat-resistant. When checking the interior of an engine or machine, please make sure that the temperature inside the engine or machine is within the operating temperature (see SPECIFICATIONS).

When not in use, please ensure that the lens and the main unit are clean and dry.

Avoid contact with corrosive and dangerous substances, like oil, gasoline, acids, etc.

FIRST TIME USAGE

· Remove all protective foils.

· Read the manual. You can download this user manual in many languages by using the QR codes at the end of this document.

· This measuring tool is calibrated at the plant to the specified accuracy (see SPECIFICATIONS). It is recommended to carry out an accuracy check before the first-time usage and periodic checks during future use.

BATTERY

This device works with a Lithium-Ion battery (see SPECIFICA-TIONS). Make sure the provided battery is fully charged.

To charge the battery, you can only use a 5V - 1A charger with USB Type C connector for charging. Connect your charger to the charging connector [09]. When charging, the battery indicator [10] is red. When fully charged, the battery indicator [10] is green.

The product does not support fast charging.

USE

■ STANDARD USING

· Switch on the device by holding the power On/Off button [08] for 3 seconds and check the display [14] and LED lights [15] lights up.

· Slide the gooseneck [11] with camera [12] inside a tube, engine, machine, style wall… Move the gooseneck [11] with camera [12] until you see the object or place you want to inspect on the display [14].

· When your inspection is finished, remove the gooseneck [11] with camera [12] entirely from the tube, engine, machine, style wall…

· Switch off the device by holding tthe power On / Off button [8] for 3 seconds.

■ IMPROVE THE IMAGE

· Press the image selector [01] to switch between black and white image or color image. Black and white images can increase the visibility in dark environments.

· Press rotate image [02] to turn the image 180° in case the image on the display [14] is upside down.

· You can increase the brightness of the LED lights [13] by pressing the button increase light [03]. The output of LED lights [13] will gradually intensify from 0% > 60% > 80% > 100%.

· You can decrease the brightness of the LED lights [13] by pressing the button decrease light [04]. The output of LED lights [13] will gradually drop from 100% > 80% > 60% > 0%.

· Push the contrast button [05] change the contrast of the shown image. You can choose between Normal, Reduced or Intesified.

· After the subject on the image is enlarged, it can be returned to normal size. Use the zoom out button [06] to gradually decrease from 2x > 1.5x > 1x.

· If you want to enlarge the subject on the image, use the zoom in button [07] to gradually increase from 1x > 1.5x > 2x.

■ FAQ

What should you do when the image on the display is delayed? Please check whether the product has sufficient power, or restart the device.

What should you do when the image is not sharp? The optimal distance between the camera and the subject is between 2cm-10cm. Please change the distance to the subject or clean the lens of the camera with a clean alcohol cloth.

What should you do when the camera is hot? It is normal for the camera to heat up, especially when the LED lights [13] are used with the highest brightness. This does not affect normal use or service life.

■ ACCESSORIES

This device incudes following standard accessories. They can be used Please follow the mounting instructions below in case you want to use one of the accessories.
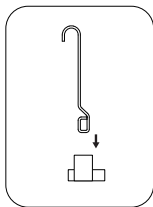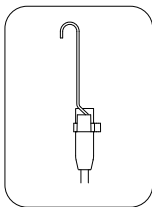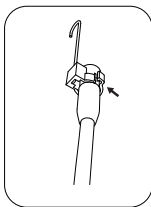
Fixing device   Hook   Magnet   Mirror

Installation diamgram

❶   ❷   ❸

■ **STORAGE AND MAINTENANCE**

Do not use this tool in direct sunlight or expose it to temperatures outside the allowed operating temperature (see SPECIFICATIONS).

Do not store the tool in direct sunlight or expose it to temperatures outside the allowed storage temperature (see SPECIFICATIONS).

Use a soft, dry cloth to remove moisture from the tool before storage.

In case of long-term storage (without usage), we recommend to fully charge the battery every 3 months.

Exterior plastic parts may be cleaned with a damp cloth. Although these parts are solvent resistant, never use solvents.

Do not dispose this product with household waste.

TECHNICAL SPECIFICATIONS

MODEL	IC3430
Lenght goodseneck	5m
Camera diameter	8mm
Camera resolution	1920 x 1080
Viewing angle	70°
Focusing range	20-100mm
Auxiliary lighting	8 adjustable LEDs
Screen type	4.3-inch color display
Charge port	Type-C
Battery	2000mAh
Battery charging time	3 hours
Operating temperature	-25°C - +45°C
Camera temperature	-25°C - +80°C

$C\epsilon$

DECLARATION OF CONFORMITY

Futech (Belgium) declares under its own responsibility that this device:
- IC3430 INSPECTION CAMERA

is in conformity with the standards
- EN 61000-6-4: 2019
- EN 61000-6-2: 2019

Under EMC Directive
2014/30/EU

Lier, Belgium,
March 30, 2023
Patrick Waûters

NOTES

USER MANUAL
other languages:

DA   DANSK

DE   DEUTSCH

ES   ESPAÑOL

ET   EESTI KEEL

FI   SUOMEN KIELI

FR   FRANÇAIS

IS   ÍSLENSKA

IT   ITALIANO

NL   NEDERLANDS

NO   NORSK

PT   PORTUGUÊS

SL   SLOVENŠČINA

SV   SVENSKA

FUTECH
MAKE IT
EASY

Facebook
@futechtools
LinkedIn
futechtools
World Wide Web
futech-easy.com
YouTube
@futechtools