



Inspectron WiTorch™ Operating Manual

Enterprise Accounts

If your Inspectron Connected Tools (WiScope, WiTorch or WiCollab) are a part of an enterprise account, contact your system administrator as needed.

References

Please reference www.inspectrontools.com/service for all service needs related to Inspectron Connected Tools.

****NOTE** - the operation of the WiTorch, when paired with its companion app, WiCollab, may differ based on the device WiCollab is downloaded to******



Safety Information

Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

Work Area Safety

- Keep your work area clean and well lit. Cluttered benches and dark areas may cause accidents.
- Do not operate electrical devices or video scope tool in explosive atmospheres, such as in the presence of flammable liquids, gases, or heavy dust. When damaged, electrical devices or visual inspection tools create sparks which may ignite the dust or fumes.
- Do not use camera around corrosive chemicals.
- Keep bystanders, children, and visitors away while operating visual inspection tool. Do not let visitors contact the unit.



Personal Safety

- Stay alert, watch what you are doing and use common sense. Do not use video scope while tired or under the influence of drugs, alcohol, or medications. A moment of inattention while operating tools may result in serious personal injury.
- Do not overreach. Always keep proper footing and balance. Proper footing and balance allow better control of the tool in unexpected situations.
- Use safety equipment. Always wear eye protection (users and bystanders). Dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.
- Use proper accessories. Do not place this product on any unstable cart or surface.
- The product may fall causing serious injury to a person or serious damage to the product. Prevent object and liquid entry. Never spill liquid of any kind on the video display unit. Liquid increases the risk of electrical shock and damage to the product.
- Do not use this device for personal or medical use/inspection in any way.
- The unit is not shock-resistant. Do not use it as a hammer or drop it.



To reduce the risk of serious injury, read these precautions carefully before using the battery charger or battery.



A/C Power Supply

- Do not probe A/C power supply with conductive objects. Shorting of battery terminals may cause sparking, burning or electrical shock.
- Do not use A/C power supply if damaged. A damaged A/C power supply increases the risk of electrical shock.
- Use an appropriate power source. Do not attempt to use a step-up transformer or an engine generator. Doing so may cause damage to the A/C power supply of the WiTorch resulting in electrical shock, fire or burns.
- Do not allow anything to cover the A/C power supply while in use. Proper ventilation is required for safe operation of the A/C power supply. Allow a minimum of 4" (10 cm) of clearance around the charger for proper ventilation.
- Unplug the A/C power supply when not in use. This reduces the risk of injury to children and untrained persons.
- Unplug the A/C power supply from the outlet before attempting any maintenance or cleaning.

Reduces the risk of electrical shock.

- Do not use the A/C power supply in a damp, wet or explosive environment. Do not expose A/C power supply to rain, snow, or dirt. Contaminants and moisture increase the risk of electrical shock.
- Do not open the A/C power supply or WiTorch housings. Have repairs performed only at authorized locations.
- Do not carry the A/C power supply by power cord. This reduces the risk of electrical shock.

Battery Safety

- The battery in the WiTorch are NOT user replaceable. Contact your seller to replace the batteries.
- Properly dispose of the WiTorch. Exposure to high temperatures can cause the battery to explode, so do not dispose of it in a fire. Some countries have regulations concerning battery disposal. Please follow all applicable regulations.
- Charge battery in temperatures above 32° F (0 degrees C) and below 113° F (45° degrees C).

Store WiTorch in temperatures below 113°F (45°C). Storage for a long time at temperatures above 113°F (45°C) will reduce the capacity of the WiTorch. It is recommended to store the WiTorch at 77°F (25°C) to maximize battery life. Proper care will prevent serious damage to the battery. Improper care of the battery may result in battery leakage, electrical shock, and burns.
- If the WiTorch is damaged, do not plug the A/C power supply into it. Do not attempt to charge.
- Never disassemble the WiTorch unit. There are no user-serviceable parts inside.
- Disassembling the WiTorch may cause electrical shock or personal injury.

Avoid contact with fluids leaking from the WiTorch unit. Fluids may cause burns or skin irritation. Thoroughly rinse with water in case of accidental contact with fluid. Consult doctor if fluid encounters eyes.

WiTorch Use and Care

- Use the unit only as directed. Do not operate the inspection unit unless the owner's manual has been read and proper training has been completed.
- Do not immerse the unit in water. Store in a dry place. Such measures reduce the risk of electric shock and damage. The unit is water resistant when fully assembled.
- Do not use the camera if condensation forms inside the lens. Let the water evaporate before using it again.
- Do not use tool if ON/OFF switch is not properly working.
- Store idle equipment out of the reach of children and other untrained persons. Equipment is dangerous in the hands of untrained users.
- Maintain the WiTorch with care. Properly maintained tools are less likely to cause injury.

- If the unit is dropped, check for breakage of parts, and any other conditions that may affect the tool's operation. If damaged, have the tool serviced before use. Many accidents are caused by poorly maintained tools.
- Use only accessories that are recommended by the manufacturer for your tool. Accessories that may be suitable for one tool may become hazardous when used on another tool.
- Dry your hands before turning the unit ON or OFF.
- Protect against excessive heat. The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat. Do not use the unit near moving machinery or areas where the temperature will exceed 140°F (60°C).

Service

- Do not attempt to take any pieces of this unit apart unless directed to by this manual.
- Provide proper cleaning. Do not use acetone to clean the unit. Instead, use isopropanol.
- Stop using the unit if it starts smoking or emitting noxious fumes.
- Refer WiTorch to qualified service personnel if any of the following conditions are met:

- If liquid has been spilled or objects have fallen into product;
- If product does not operate normally by following the operating instructions;
- If the product has been dropped or damaged in any way
- When the product exhibits a noticeable change in performance.

Technical questions can be directed to our toll-free number at (248) 702-6600 Monday through Friday 8:00 am to 5:00 pm Eastern Time (U.S. customers only), or email at marketing@inspectrontools.com

Specific Safety Information

Read this operator's manual carefully before using it. Failure to understand and follow the contents of this manual may result in electrical shock, fire and/or severe personal injury.

Statement

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including reference that may cause undesired operation. Note: Changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This Class B digital device complies with Canadian ICES-003.

CAN ICES-003(B) / NMB-003(B)

NOTE! This equipment has been tested and found to comply with the limits for Class B digital devices, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause

harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult the dealer for help.

Use of shielded cable is required to comply with Class B limits in Subpart B of Part 15 of the FCC rules.

Do not use the device while USB power supply cord is charging device.

Do not make any changes or modifications to the equipment.

Note: Cet appareil est conforme à la Partie 15 des règlements de la FCC et aux normes RSS de l'Industrie du Canada. Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne doit pas causer des interférences nuisibles, et (2) cet appareil doit accepter toute interférence reçue, y compris les interférences qui peuvent provoquer un fonctionnement indésirable.

Le fabricant n'est pas responsable des toutes interférences radio ou télévision causées par des modifications non autorisées apportées à cet appareil. De telles modifications peuvent empêcher l'utilisateur d'utiliser l'appareil.

Le présent émetteur radio (identifier le dispositif par son numéro de certification ou son numéro de modèle s'il fait partie du matériel de catégorie II) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

Antenna Type	Max. Antenna Gain(dBi)
PCB printed antenna	1.43

The device has been evaluated to meet general RF exposure requirement. The SAR limit of USA (FCC) and Industry Canada is 1.6 W/kg averaged over one gram of tissue. Device types WiTorch with WT1 (FCC ID: 2AADC-WT1, IC: 11124A-WT1) has also been tested against this SAR limit. The highest reported SAR values for body-worn is 1.147W/kg. This device was tested for typical body-worn operations with the back of the handset kept 0mm from the body. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

5G RLAN:

Any emission is maintained within the band of operation under all conditions of normal operation. The max. frequency stability is less than 20ppm.

For 5150-5250 and 5725-5850 frequency band,

Operations in the 5150-5250 and 5725-5850 band are restricted to indoor usage only.

Laser Safety

	 CAUTION		
	LASER 3R		
Maximum Output: 5mW Emitted Wavelength(s): 650nm IEC 60825-1: 2014-05			
AVOID EXPOSURE TO BEAM			
LASER LIGHT			
Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019			



The WiTorch has a 3R laser. It has a maximum output power of 5mW, and 650nm of Emitted Wavelength(s). The laser complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019. The laser emits laser radiation. Avoid exposure to beam and avoid looking directly at laser beam. Direct eye contact may cause serious harm. Keep out of reach of children. Do not direct laser at other people, or an audience.

- **Caution:** Use of controls or adjustments or performance of procedures other than those specified in the manual may result in hazardous radiation exposure.
- The labels above are adhered to the barrel of the WiTorch (review locations on page 25).
- The laser pointer can be operated by pressing the laser button on the WiTorch (review button pad on page 26).

WiTorch Safety

- Do not place tool into anything or anywhere that may contain a live electrical charge.
- FOR WALLS: For inspecting inside walls, be sure to shut off the circuit breaker to the whole house before using the tool behind any of the walls
- FOR PIPES: If you suspect a metal pipe could contain an electrical charge, have a qualified electrician check the pipe before using the tool. Ground circuits, in some cases, can be returned to cast iron pipes and cause them to be charged.
- FOR AUTOMOBILES/HEAVY EQUIPMENT/ MOTORSPORTS: Be sure the automobile, heavy equipment or motorsport equipment is not running during inspection. Metal and liquid under the hood may be hot. Do not get oil or gas on the WiTorch camera lenses. Exposure to petroleum-based substances will eventually degrade the lens.

GENERAL USE: Do not use anywhere where the unit may come into exposure with hazardous chemicals, electrical charges or moving parts. Such situations may result in serious injury or death.

Product Description

The WiTorch is a high-definition video flashlight. The core functionality of the WiTorch is capturing photos and videos. This accelerates the inspection workflow. Dual WiFi antennas allow for either network connectivity or a peer-to-peer WiFi connection, with its companion app, WiCollab. The WiTorch can integrate into existing enterprise systems to expedite the inspection process. The WiTorch is built in with a laser pointer, microphone, adjustable LEDs, zoom-in camera, barcode scanning compatibility, and a rechargeable lithium-ion battery.

Included with the WiTorch:

1. WiTorch
2. Quick start guide
3. Power supply with 4 interchangeable power source adapters
4. USB-C to USB-C power cords

Specifications

WiTorch:

Power Supply.....	Internal Li-Ion Battery, 3.7V, 3200 mAh, 9.6 watt-hours
Run-time on battery	2 hours (approximately)
Charger Input.....	5V DC, 3 Amp, USB C
Weight	0.65 lb. (300g), net weight of WiTorch only
Length.....	1.28" (32.5mm)
Width.....	6.75" (171.4mm)
Height	3.77" (100mm)
Built-in Camera.....	13 Megapixel with auto-focus
Streaming resolution	1920x1080
Max Frames Per Second (fps)	60 (streaming default is 15)
Diagonal Field of View	78.4 Degrees
Audio Input.....	Built-in Microphone
Wireless interface.....	2.4GHz Wi-Fi - 802.11 b/g/n, 5GHz Wi-Fi - 802.11n/ac

Wireless range50 ft. (15m)

Operating Temperature.....32°F to 113°F (0°C to 45°C)

(Batteries will not charge above 113°F (45°C))

Storage Temperature4°F to 140°F (-20°C to 60° C)

77°F (25°C) is ideal for maximum battery life.

Relative Humidity5% to 90% non-condensing

Ingress Protection.....IP54

LED Flashlight600 Lumens (4 levels of adjustment)

Zoom4 levels of adjustment

Laser Pointer PowerMax output power of 5mW. 650nm of Emitted Wavelength(s)

Laser Line Power.....Max output power of 5mW. 650nm of Emitted Wavelength(s)

Laser Line Beam divergence60 degrees

Barcode ScanningSelect types available (see page 25)

Thread Mount¼-20 screw

Mounting MagnetRare earth

A/C Power Supply:

Input Voltage100-240VAC, 50-60Hz 0.5Amp

Output Connector.....USB C

Output Voltages/Currents5.0VDC/3.0A, 9.0VDC/2.22A, 12.0VDC/1.67A USB PD (WiTorch only uses 5.0V)

Max Inrush current.....30A

Energy Class.....VI

Operating Temperature.....32°F to 104°F (0°C to 40°C)

Storage Temperature14°F to 167°F (-10°C to 75°C)

Relative Humidity20% to 80% non-condensing

USB C cable:

Length.....1m

ConnectorsUSB C

Data Compatibility.....USB 2.0

NOTE! The charger and internal batteries are not compatible with any other Inspectron Li-Ion Batteries and chargers.

Introduction

 WARNING

Do not operate the WiTorch in explosive atmospheres, such as in the presence of flammable liquids, gases, or combustible dust. This unit may create sparks which could ignite fumes or dust. No responsibility will be taken by Inspectron for any resulting damage to the unit or to the operator if it is used with corrosive, explosive, or otherwise dangerous gas and dust mixtures.

 WARNING

When using the WiTorch at the inspection site, make certain that you and the work area is safe for the unit to be used. This is not classified as flameproof or intrinsically safe; therefore, it must not be used where explosion hazard may exist. For complete details on product and operator safety, review the General Safety Information section.

Setup

Battery Requirements/Warnings



Daily, before use, inspect the WiTorch and A/C Power Supply and correct any problems. Set up charger according to these procedures to reduce the risk of injury from electrical shock, fire, and other causes and prevent tool and system damage.

Before using the WiTorch for the first time, allow it charge for at least 1.5 hours to ensure that the batteries are fully charged.

Assembling the Charger

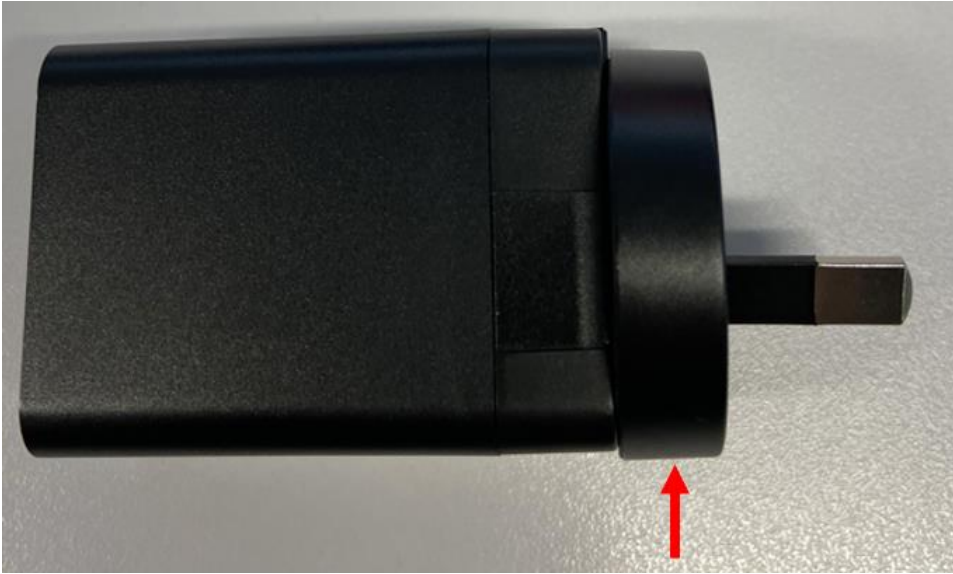
Chargers are supplied with a selection of power outlet adaptors for use in multiple countries. Before first use, select the appropriate adaptor for your country. To attach the adaptor, ensure the prongs are folded into AC Power Supply. Then select the appropriate adaptor and slide it into the back of the power supply over the prongs.



Prongs folded into AC Power Supply.



Align slots in adaptor to prongs and push down until adaptor is fully seated into back of AC Power Supply.



Push opposite direction of insertion to remove adaptor.

Charging the Unit

With dry hands, insert one USB-C end of the power cord into the charging port as and insert the other USB-C end into the power block. Ensure that the correct adapter fits into the power block and insert the charger into a suitable power outlet to charge unit. When charging is complete remove USB-C. Replicate for wireless imager handle, except both connection points have USB-C ends.

NOTICE

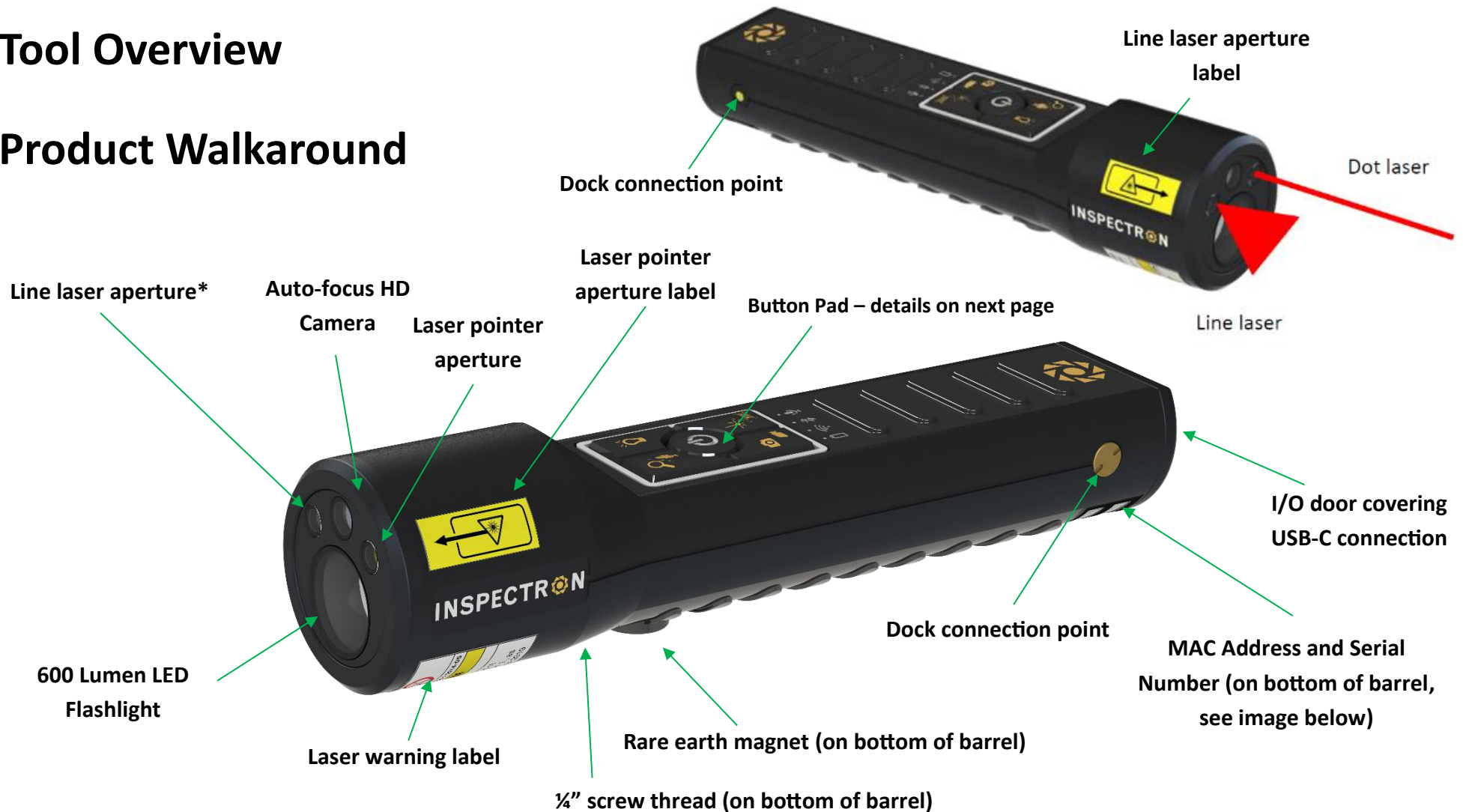
The WiTorch will only charge the batteries if the temperature is between 0°C and 45°C (32°F and 113°F). Outside of this temperature range the WiTorch may continue to operate but the batteries will not charge, and the Charge Status LED will be off. When the battery is fully charged, the Battery LED Indicator will be illuminated solid green. There is no risk of overcharging the battery. When the battery has been fully charged, the charger automatically switches to retention charging.

CAUTION

Be sure to inspect the power cords and power block for any damage. If there are any broken or worn parts, exposed wires, or any damage of this nature, do not use them until parts are replaced. Be sure to keep the unit clean; free of oils, grease, and dirt, as described in the Maintenance section. This will prevent the unit from slipping out of your hands and will allow proper unit ventilation.

Tool Overview

Product Walkaround

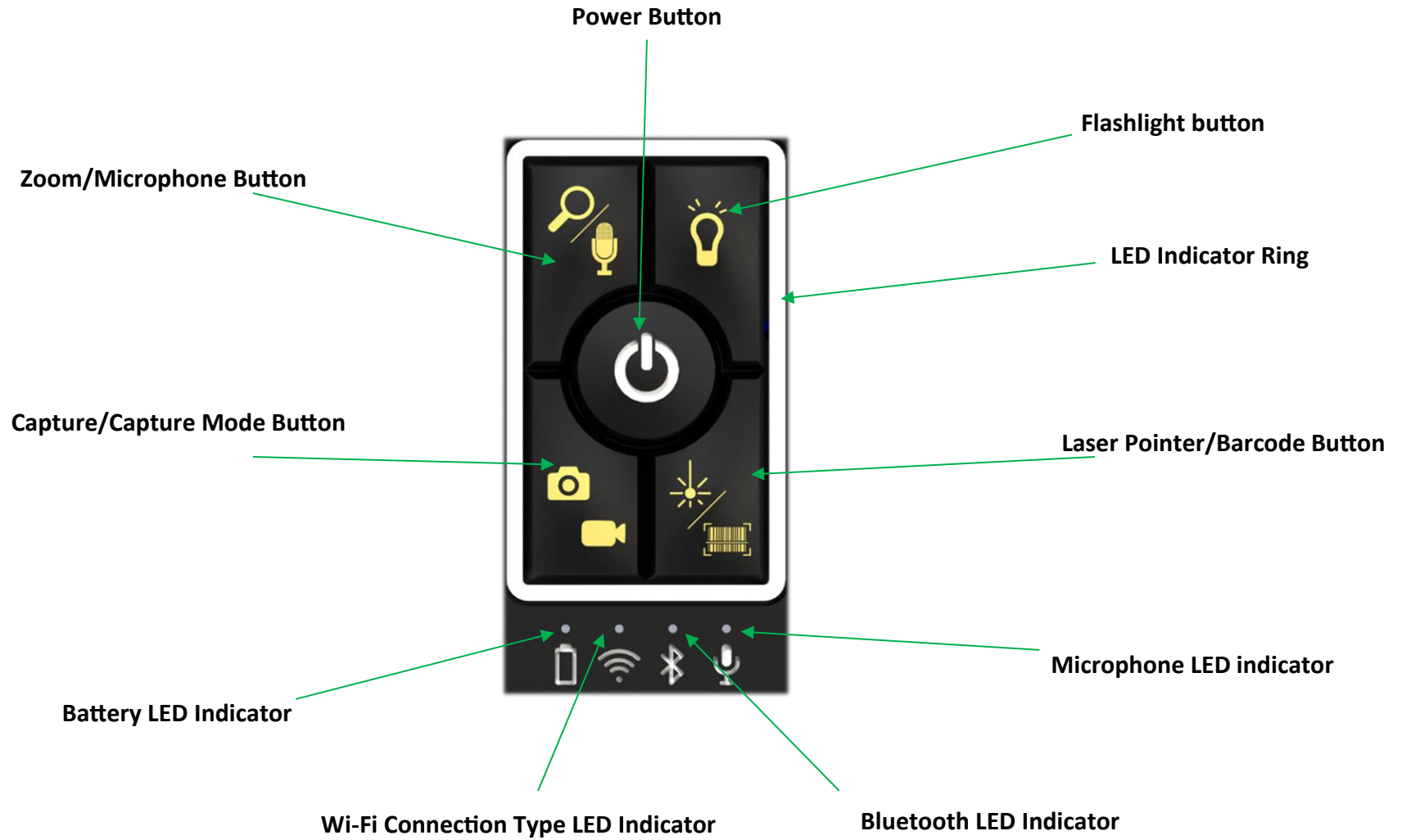


Serial number and MAC address



***Line laser is not supported in current software**

Button Pad Overview



Button Pad Button Actions

Some of the buttons on the WiTorch have standalone functions that work without the app, and some of the buttons only function to send commands to the connected app. The table below lists the functions and whether they work standalone.

Button	Press Time	Standalone Action	Behavior
Power	2s	Yes	Turn on/off
	>7s	Yes	Force off
Zoom/Microphone	Momentary	No	Change zoom level
	>2s	No	Change microphone mode
Capture/Capture mode	Momentary	No	Capture image or start/stop video recording
	>2s	No	Change image/video capture modes
Flashlight	Momentary	Yes	Change flashlight brightness (4 levels & off)
Laser Pointer/Barcode	Momentary	Yes	Turn laser pointer on/off
	>2s	No	Initiate barcode or OCR reading

Charging Status

Battery Charge Status	Battery LED Status
Not Charging	LED is OFF
Charging	Green (blinking)
Fully Charged	Green (solid)

Wi-Fi Status

Wi-Fi Status	Wi-Fi LED Indicator	LED Indicator Ring
P2P mode, not connected to app	Green (blinking)	OFF
P2P mode, connected to app	Green (solid)	OFF, while not in Live View Green (solid), while in Live View
Router mode, not connected to app	Blue (blinking)	OFF

Router mode, connected to app	Blue (solid)	OFF, while not in Live View Blue (solid), while in Live View
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Powering the WiTorch

No assembly process is required for the WiTorch. The WiTorch can be powered on by one firm press of the power button. The units will power on and the indicator light will illuminate. To turn the units off, press and hold the power button for 3 seconds and the unit will power off.

Operation

Outside of the flashlight and laser pointer features, the WiTorch requires a companion application to operate. If your WiTorch's companion application is NOT Inspectron's WiCollab, please refer to your organization's instruction guide or contact your system administrator. If you plan to use the WiTorch with the Inspectron WiCollab companion application, follow the below registration instructions.

NOTE: Before initial operation, charge WiTorch, at minimum, 60 minutes.

Tool Registration

Enterprise accounts - refer to directions from your system administrator

- 1) Turn on connected device (tablet, phone, etc.)
- 2) Go to application store on device and search “WiCollab.” Select and install the WiCollab app.



App icon to the right.

- 3) Once installed, open the app, and allow app access to device location, photos and media, and record audio for optimal use.
- 4) On the home login screen, follow these prompts:
 - a) Click on “sign up.”
 - b) Enter tool serial number, click validate.
 - c) Enter username.
 - d) Enter “first name” and “last name.”
 - e) Enter and confirm “email,” click sign up. An email will be sent to you to create a password.
 - f) Sign into WiCollab app, using your created username and password.

- 5) Power on WiTorch, the tool will appear on screen after ~30 seconds to a minute.
 - a) If the tool does not appear on screen after a minute, pull down on device screen to refresh search.
 - b) 12-digit MAC address will appear with tool, verify it matches MAC address on handle of tool
- 6) Click WiTorch “Connect” button and select connection type between:
 - a) P2P: Connection is established between device and tool via tool hotspot. Limited tool and app functionality
 - b) Wireless Network: Connection is established between device, tool, and surrounding wireless network. Full tool and app functionality
 - i) Select network and enter password.
 - (1) Connecting to a network can take up to a minute.
- 7) Once on the tool streaming screen, the tool can be controlled via the buttons on the tool or via the app buttons. See below for instructions on full button guidance.

Operation

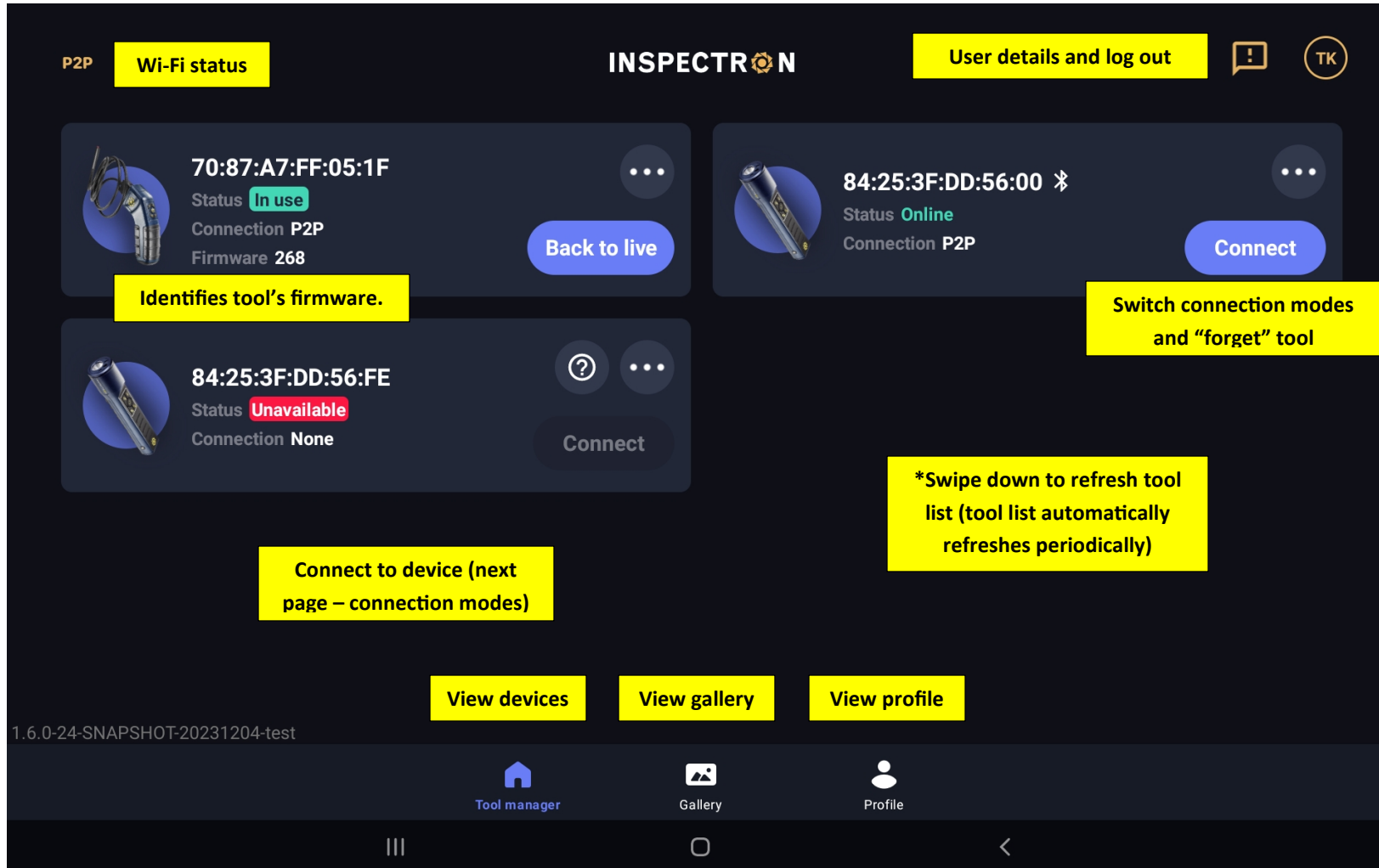
WiTorch can be controlled by both the buttons on the device, and the buttons through the WiCollab app. The screen will differ, depending on what mode you are in and the feature you’re engaging with. See below for an overview of each mode and feature. NOTE – * means the same

function can be actioned on the WiTorch button pad. Refer to page 25 for the button pad overview.

This overview showcases functionality of all subscription levels. Locked features are highlighted in orange.

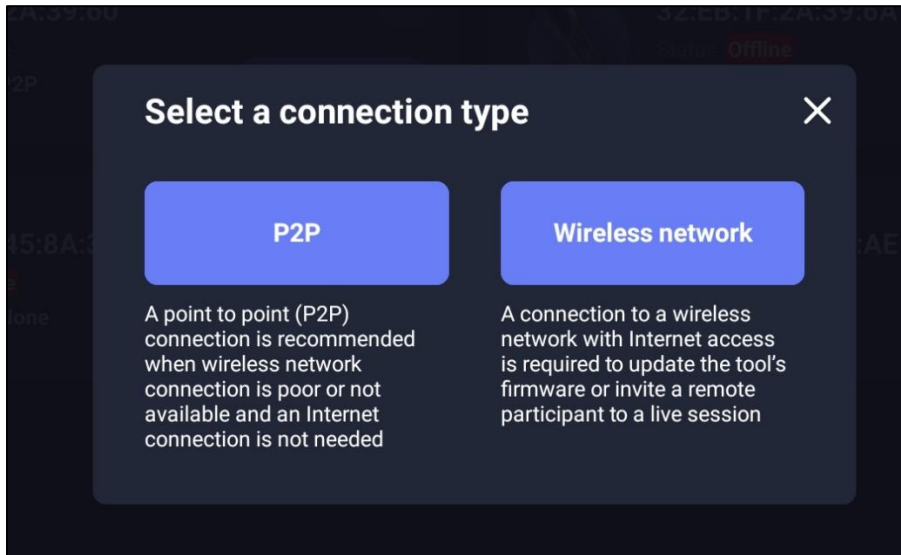
Premium features include Live Video Calling (i.e. Remote Assistance) and increased WiCloud™ storage. To unlock premium features, contact your system administrator or device reseller.

Tool Manager



This is the home screen within WiCollab. The primary function is to connect/disconnect WiCollab to the Connected Tools. Also used to access the gallery, view your profile, and log out.

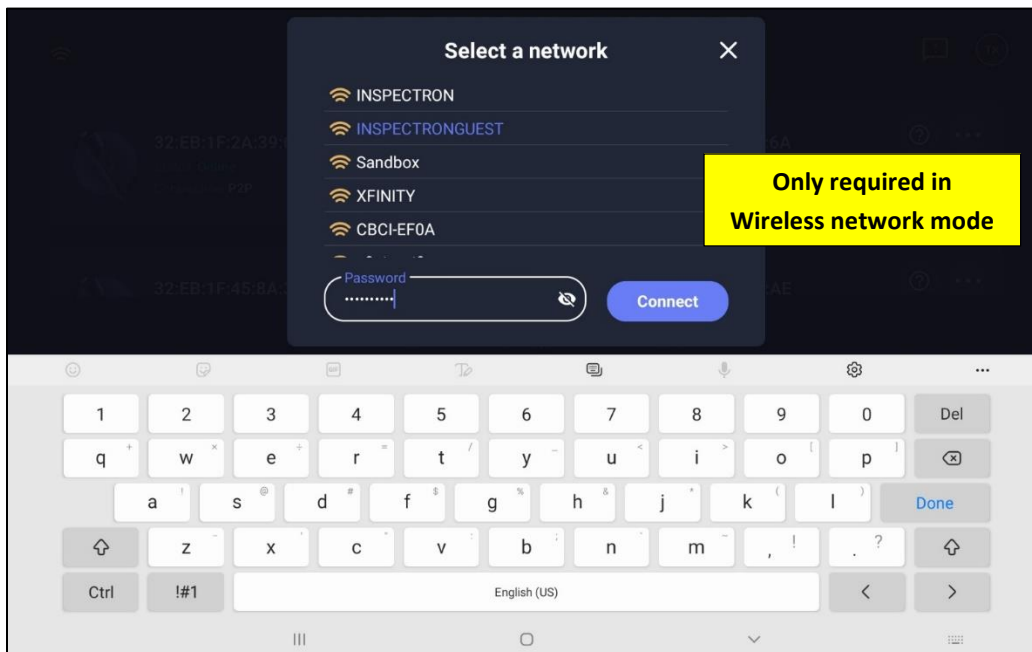
Tool Connection Modes



Chose between P2P and Wireless network connection modes.

Wireless network enables full features of WiCollab.

P2P should be used when a wireless network is not available.

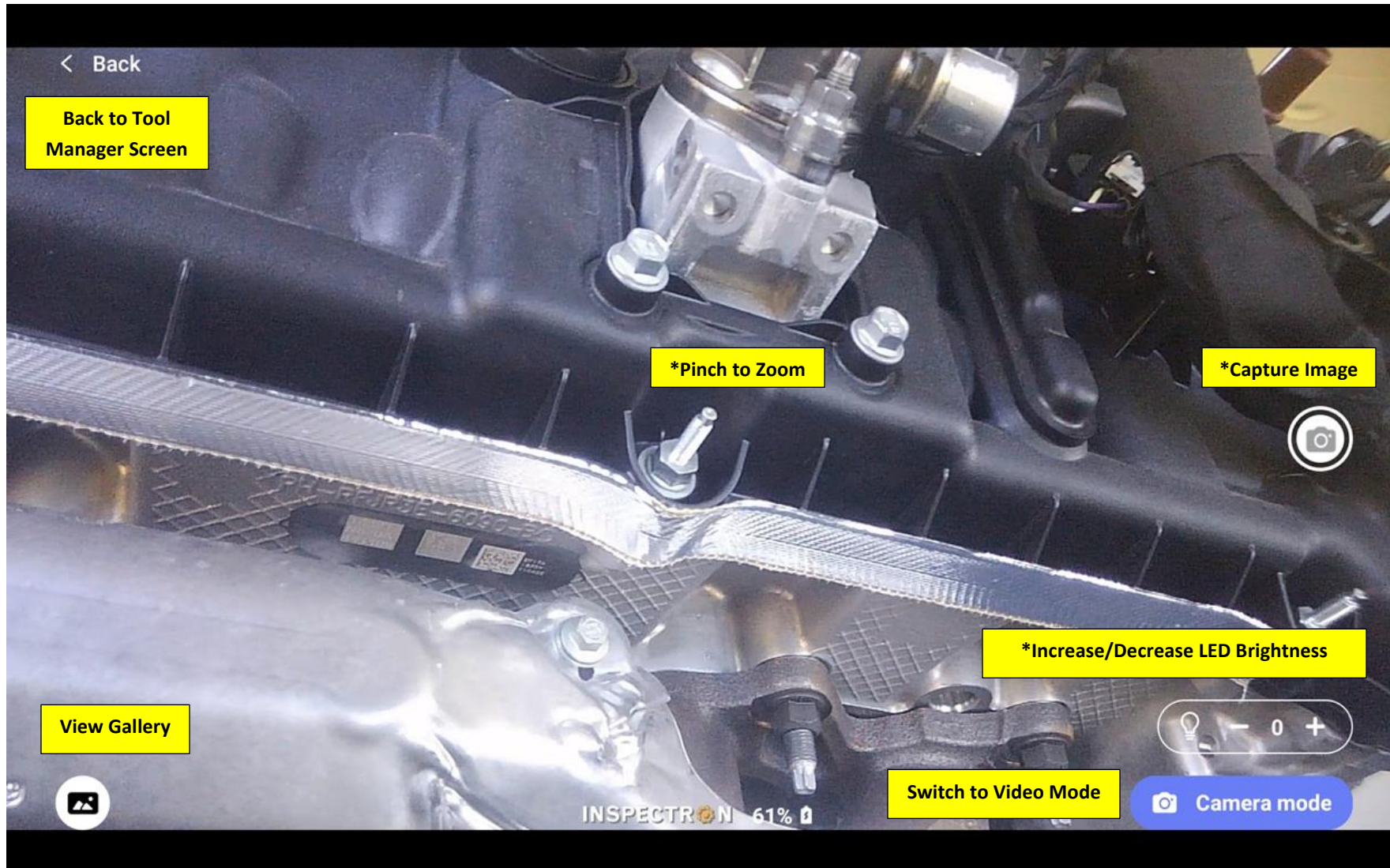


Changing WiFi Networks

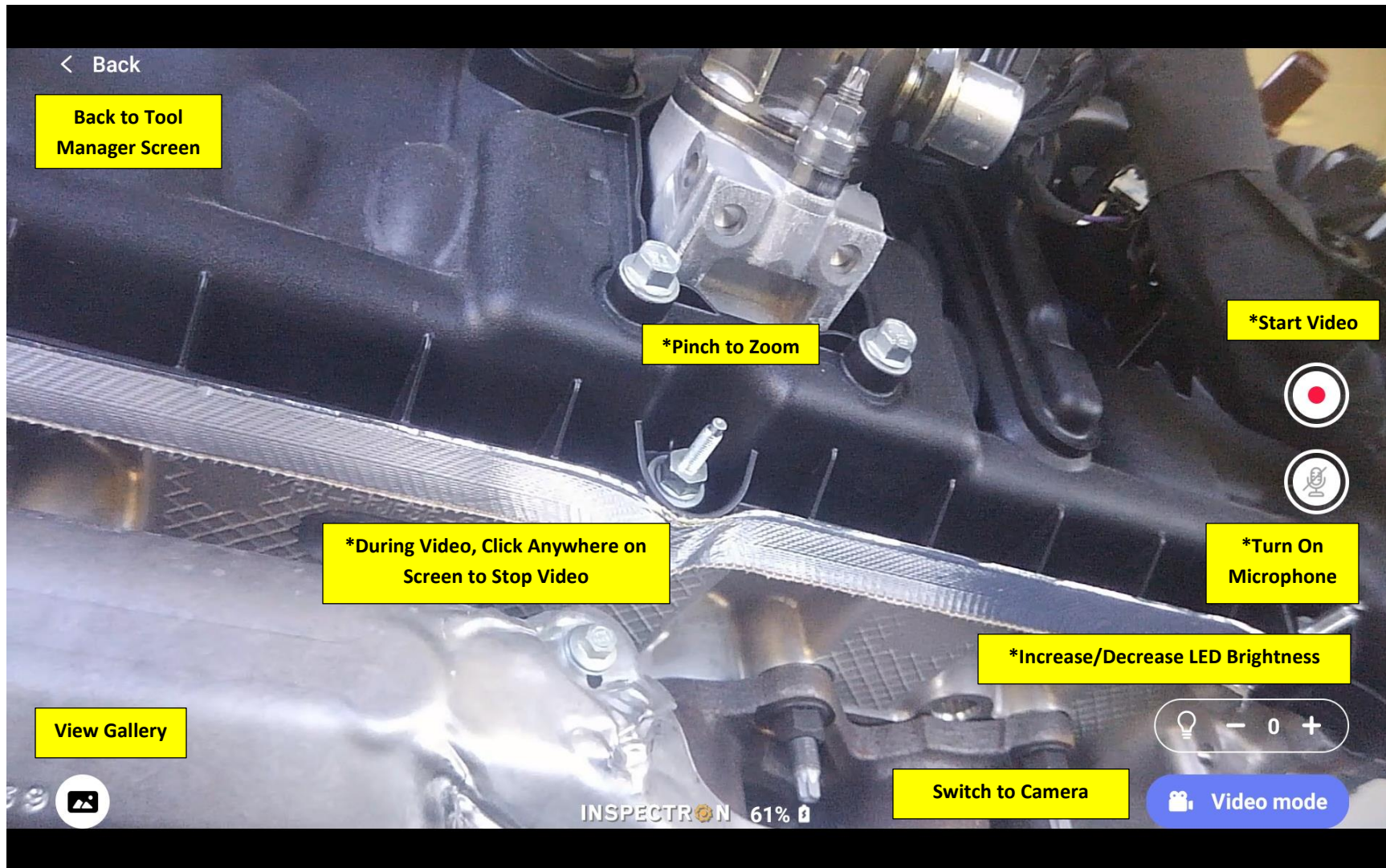
If you power down the device in Wireless network mode, the device will remember that network.

The next Wireless network connection attempt, the device will attempt to connect to the previous network (even if your companion device is connected to a new network). To connect to that new network, you must reset the device back to P2P mode (5 second hold of Zoom and Light buttons) prior to connecting to a new Wireless network.

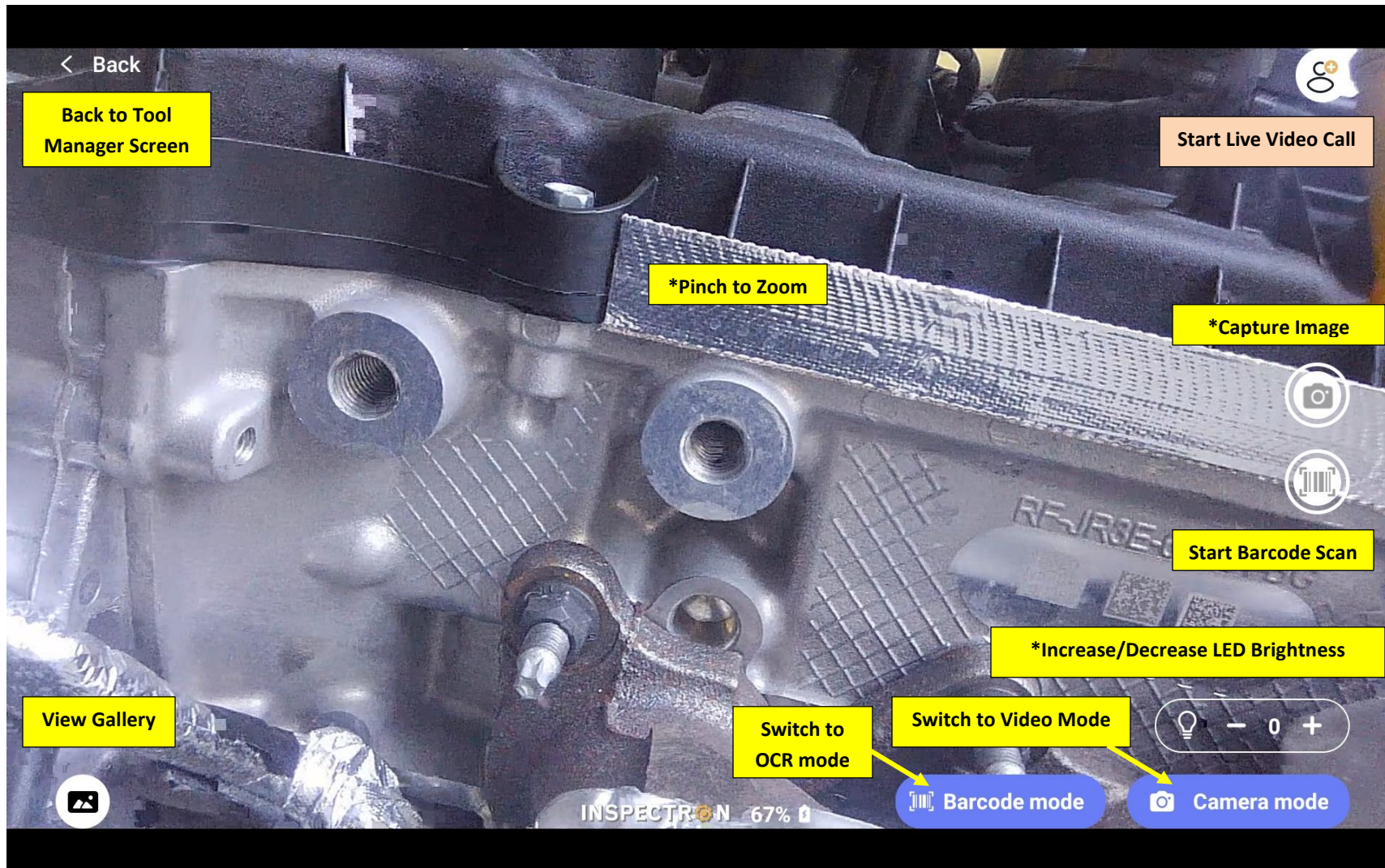
P2P Connection and Camera Mode



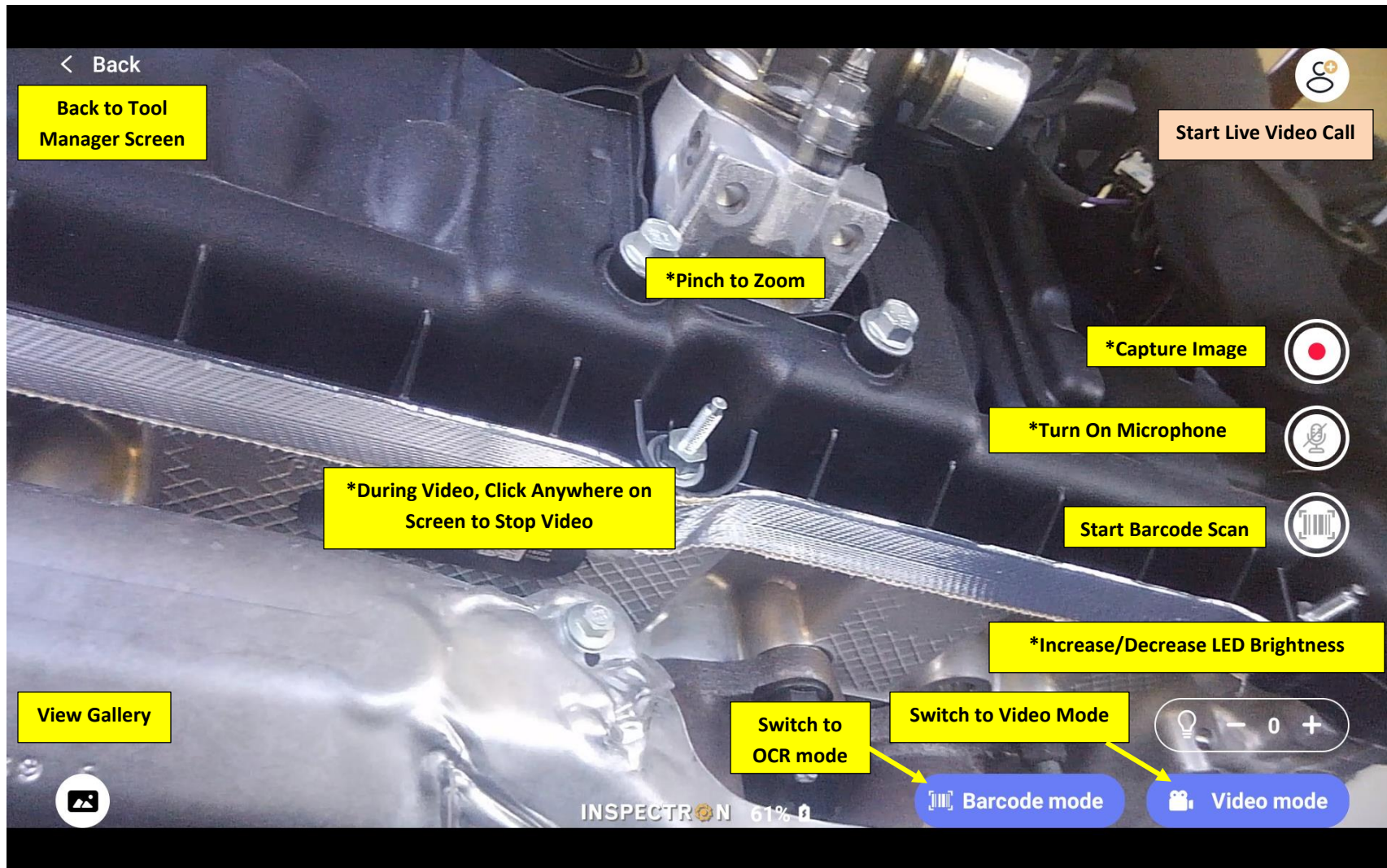
P2P Connection and Video Mode



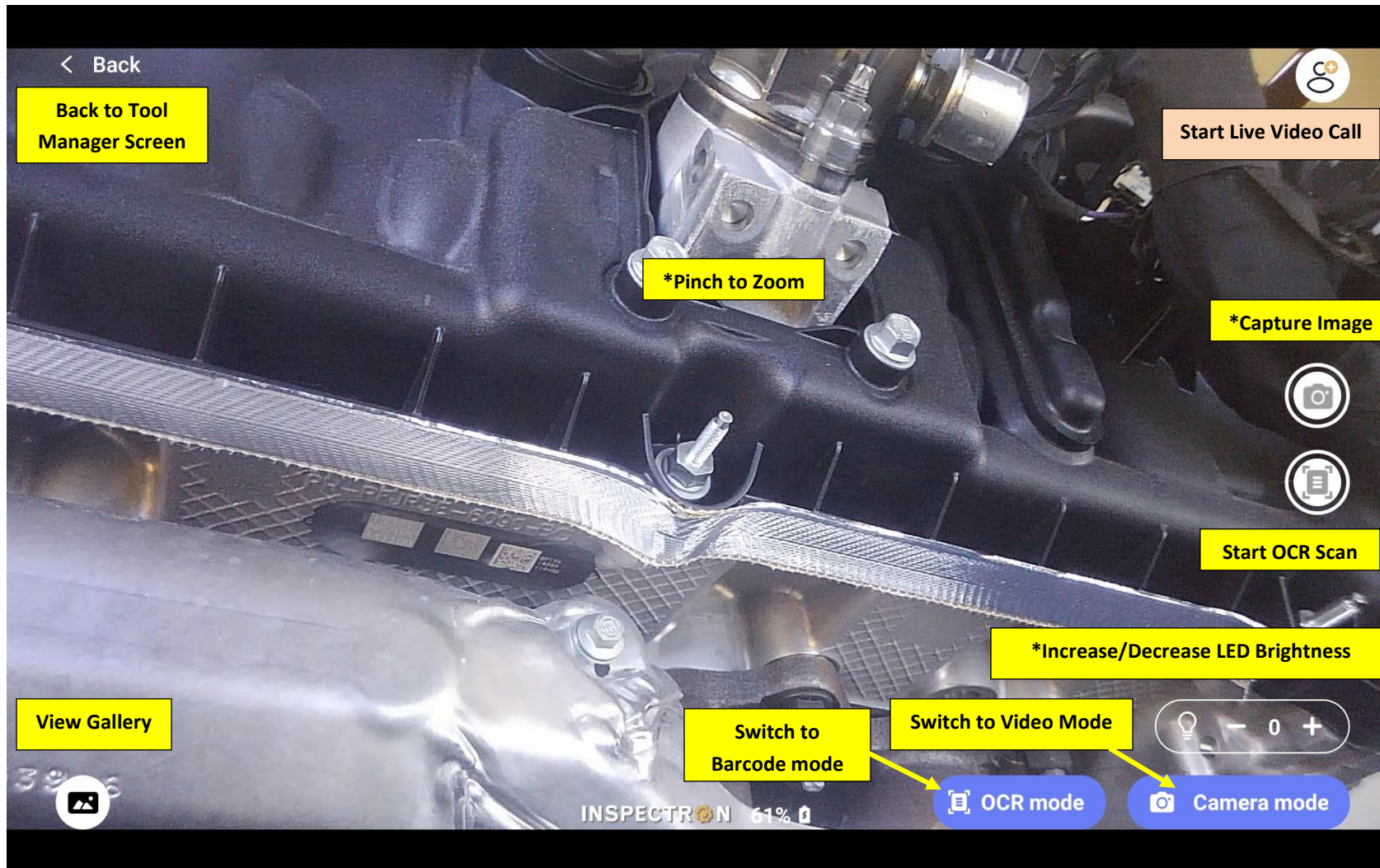
Network Connection, Camera Mode, and Barcode Mode



Network Connection, Video Mode, and Barcode Mode



Network Connection, Picture Mode, and OCR Mode



Barcode and OCR Scan

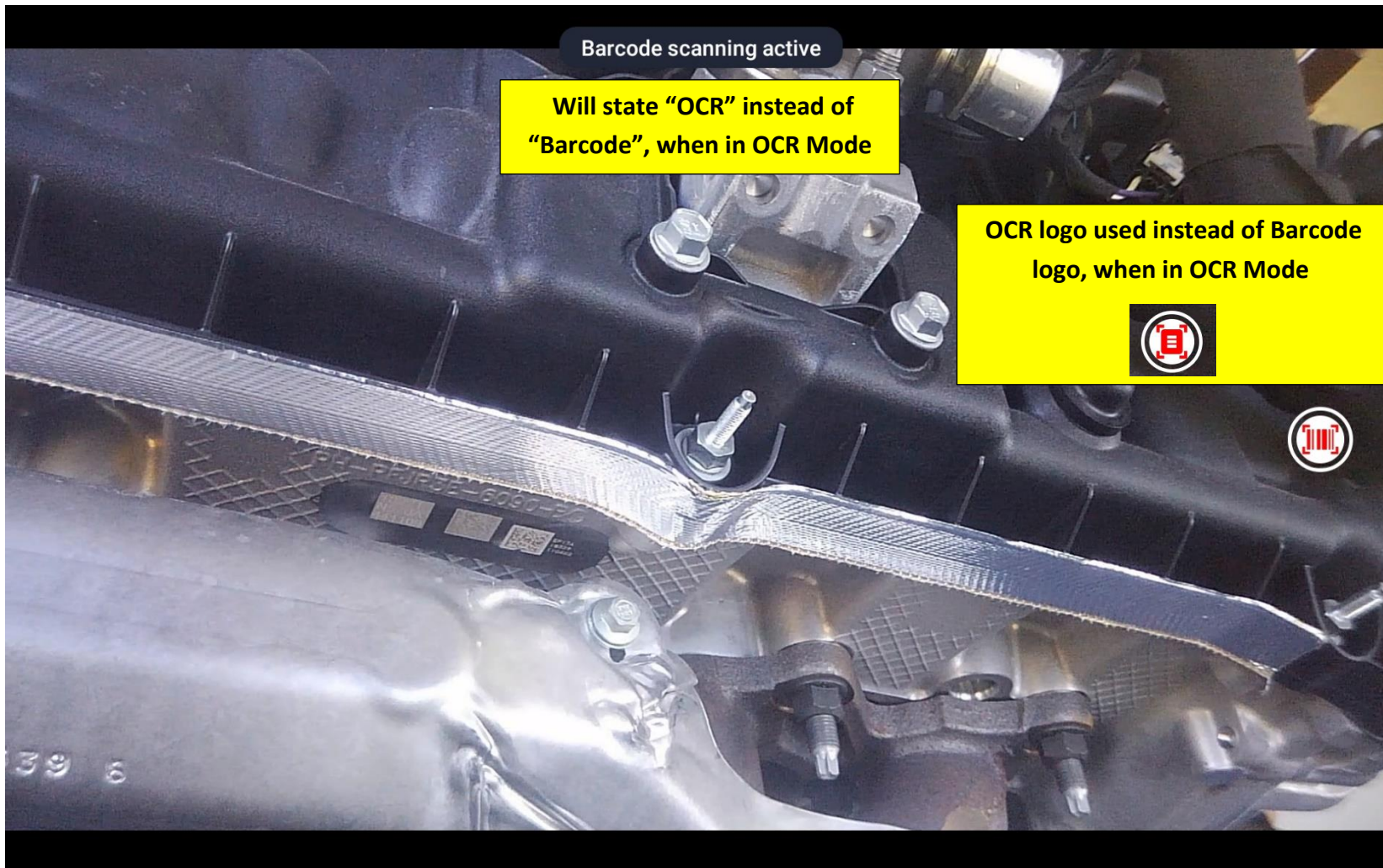
This feature allows you to scan barcodes, QR codes and a string of characters (Optical Character Recognition, or OCR)

Barcode types: UPC-A, UPC-E, I2o5, Code 39, Code 128

QR Code types: QR, PDF417, Data Matrix, Direct Print Marking (DPM)

OCR (Optical Character Recognition aka Label Reader): Designed for Automotive VINs only

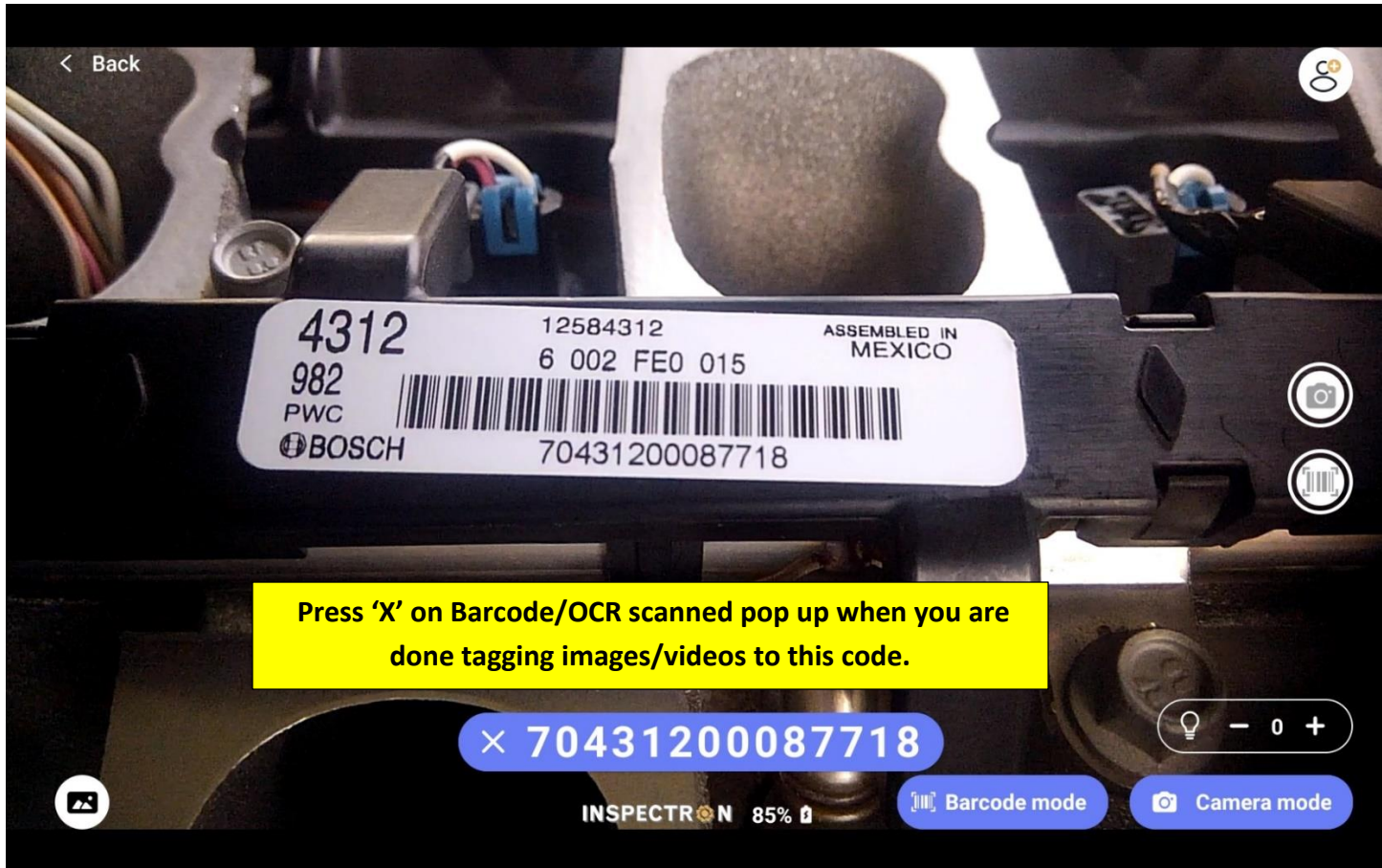
Barcode and OCR Scanning Mode



Barcode/OCR scan will be active for 30 seconds before timing out.

Upon successful Barcode/OCR scan, a purple pop up will appear. See next page.

Barcode and OCR Scanning Mode



Full functionality of the WiTorch is still available after scanning a Barcode/OCR.

All photos/videos captured while purple pop up is on the screen will be tagged to that scanned Barcode/OCR.

You can track this unique scanned item in WiCollab for as long as it's stored in the WiCloud.

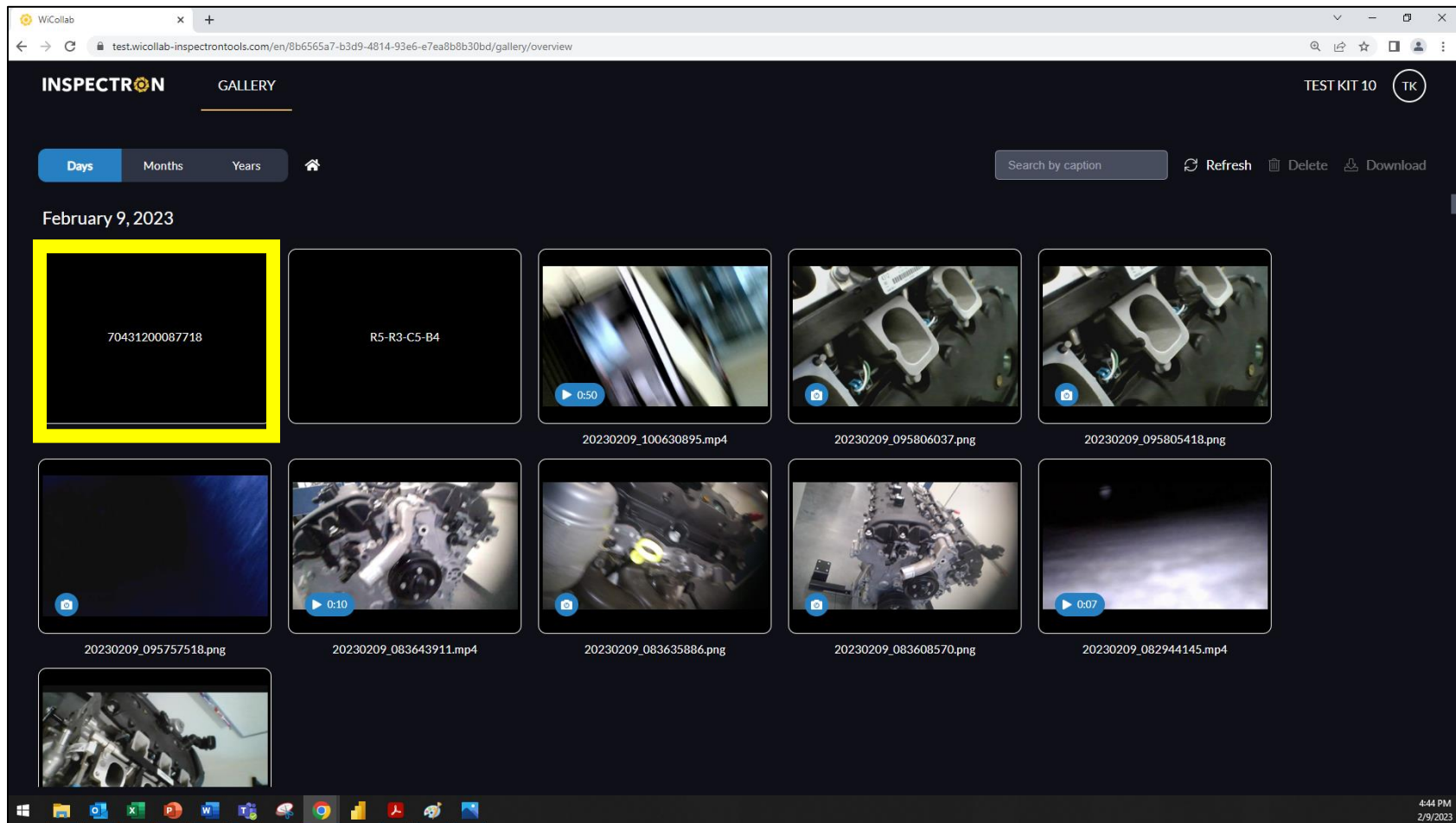
Barcode and OCR Scanning Mode



All assets (photos/videos) that have been tagged with a barcode/OCR scan will be identified in the assets Information page.

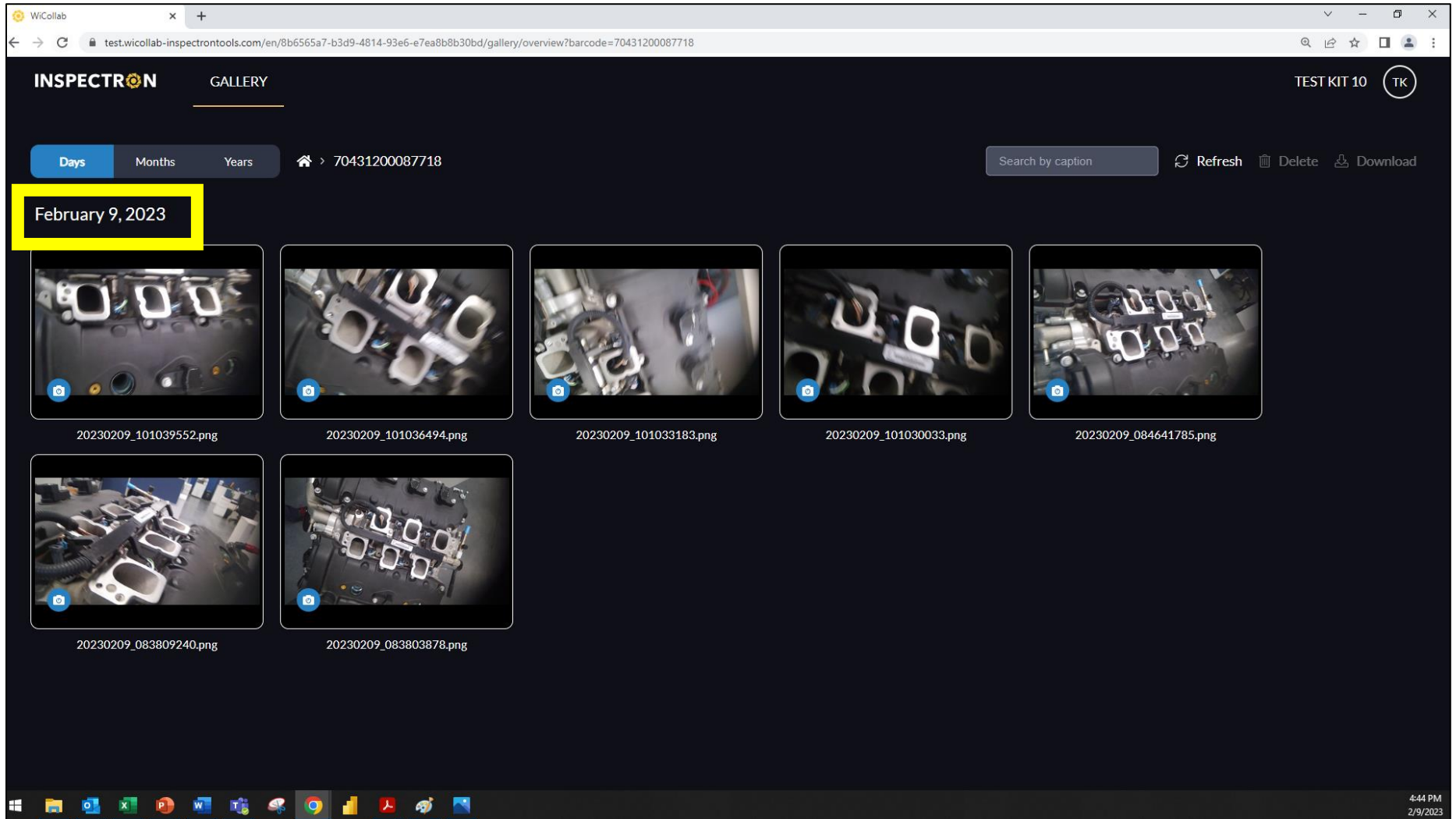
To get to this page, select the Gallery. The Gallery can be accessed from the video screen. Or from the Tool Manager screen.

Barcode and OCR Scanning Mode – WiCollab Web



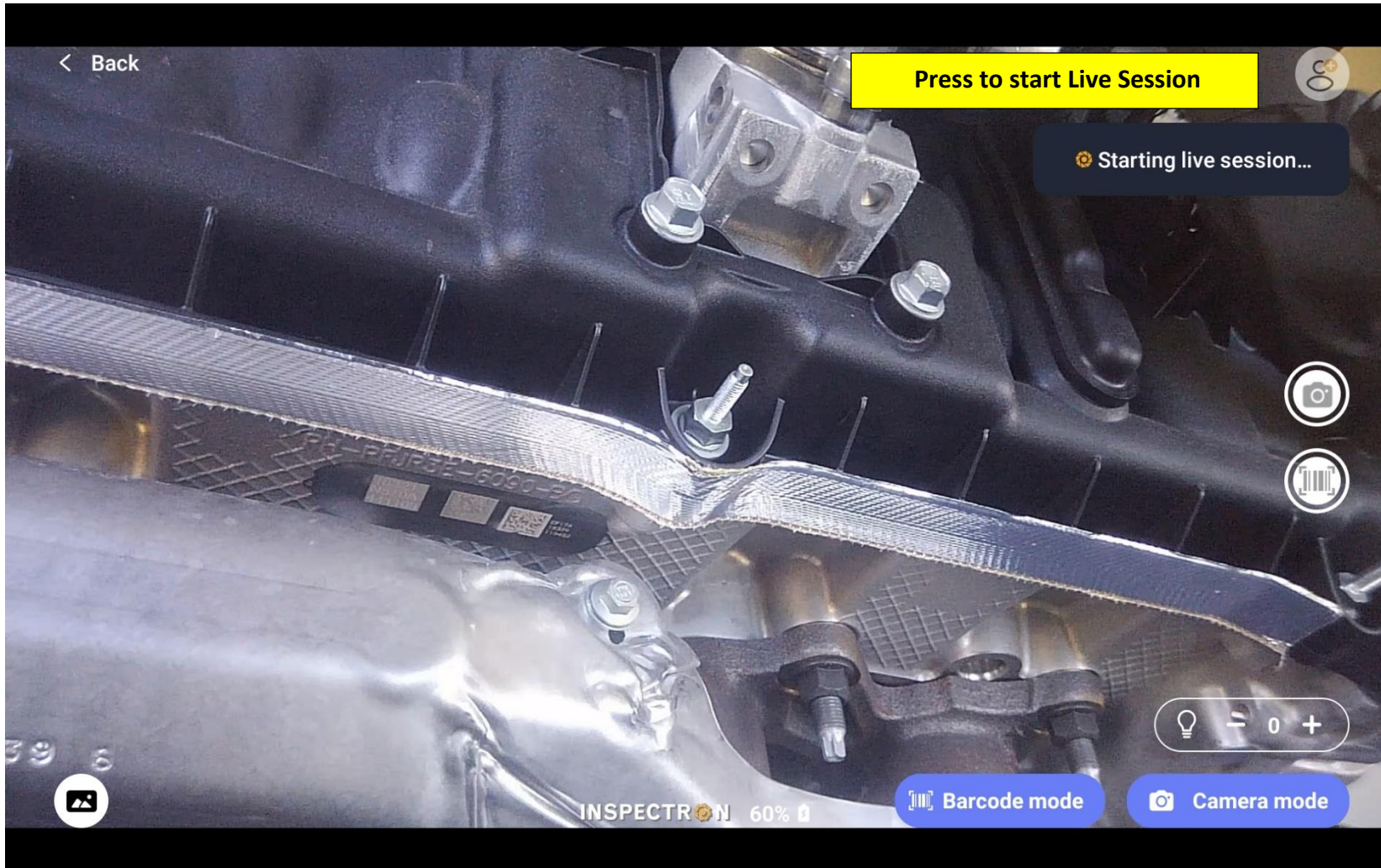
In WiCollab Web, Barcode/OCR scan items can be tracked by their code. Select the code's black box to open and review all previously captured photos/videos tagged to the Barcode/OCR scan.

Barcode and OCR Scanning Mode – WiCollab Web



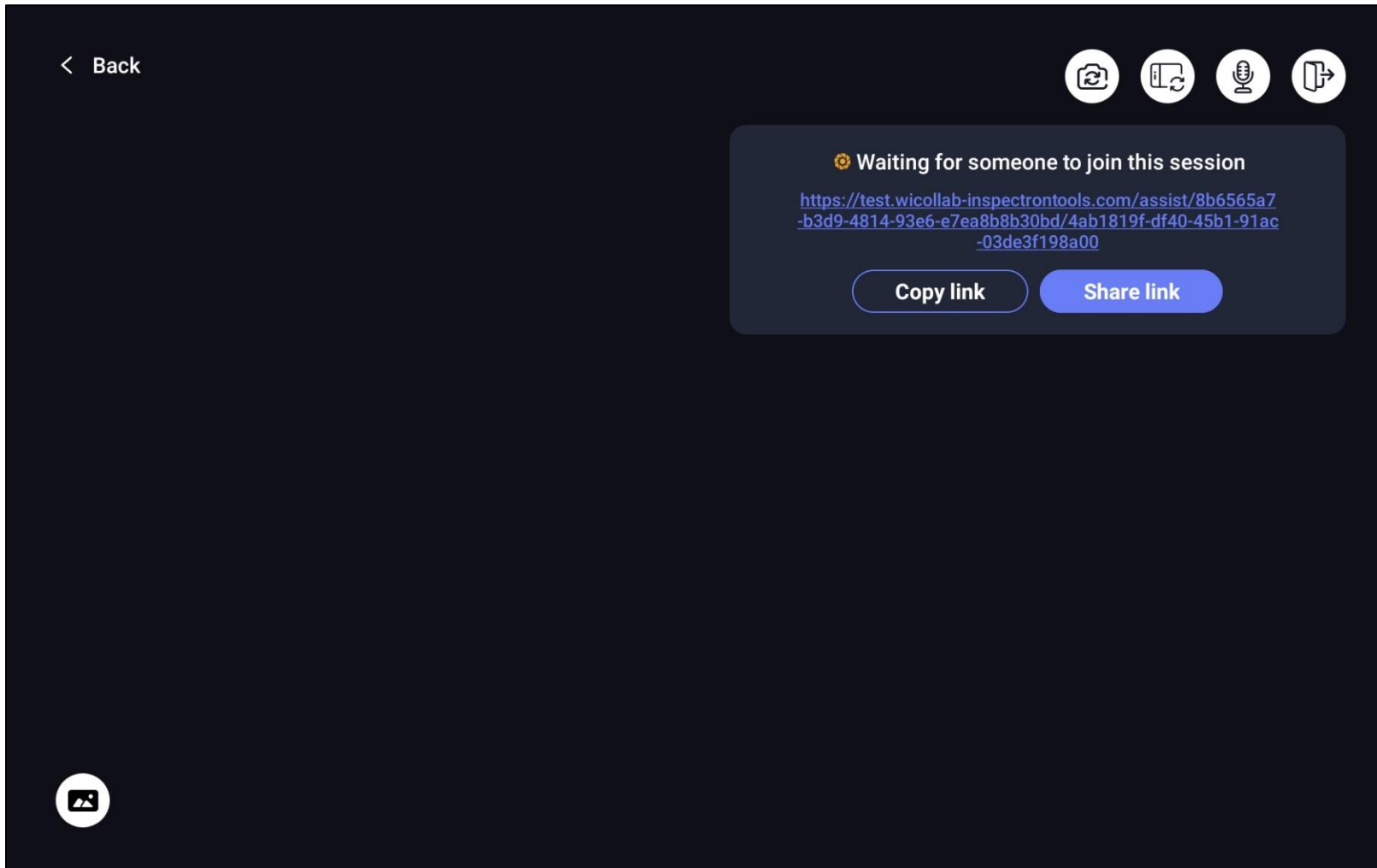
All assets (photos/videos) that have been tagged with a barcode/OCR scan will be viewed, with the date captured.

Live Video Call – Tool User



It will take a few moments for the live video call session to initiate.

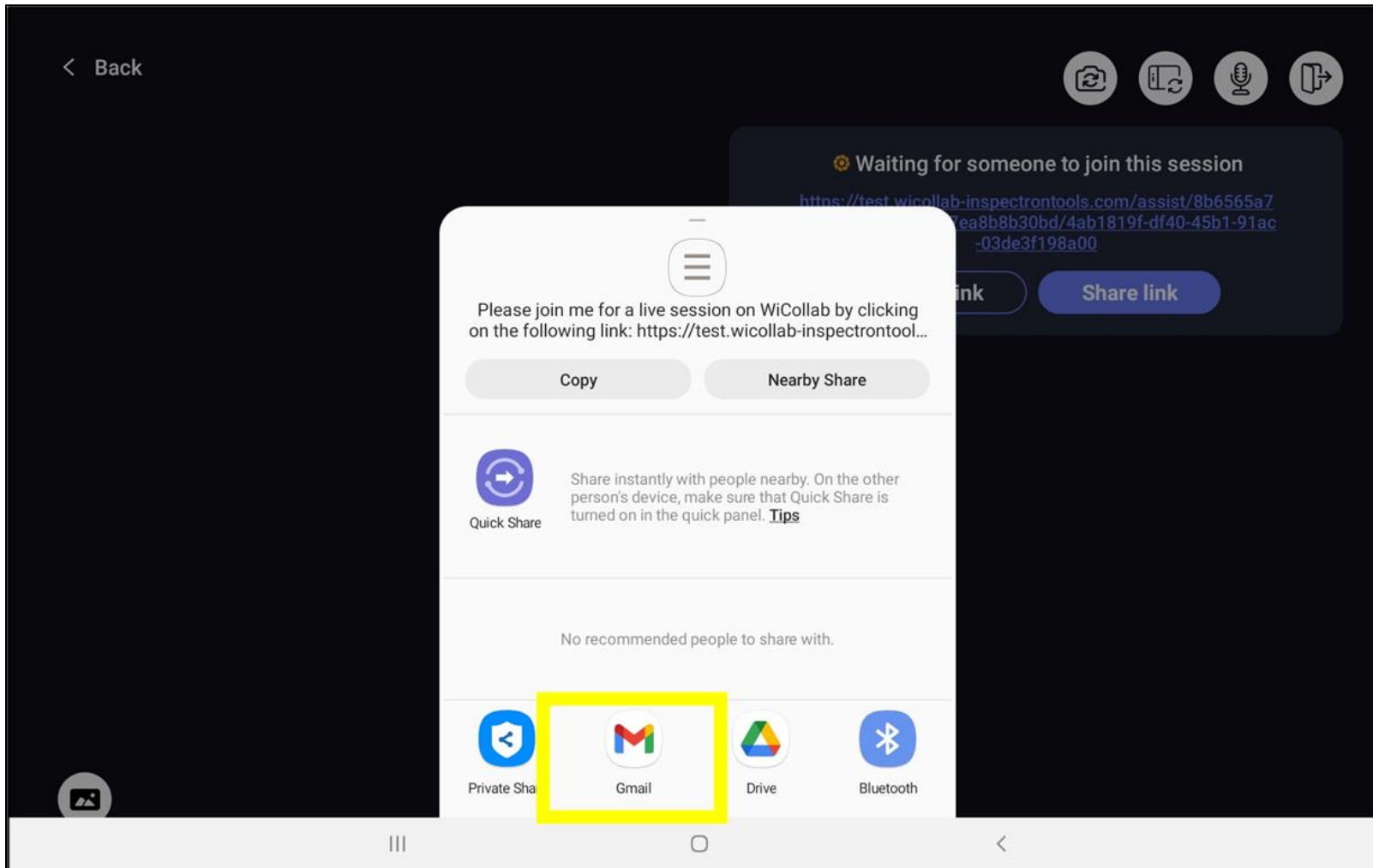
Live Video Call – Tool User



Select "Copy link" to copy and paste link into a third party app.

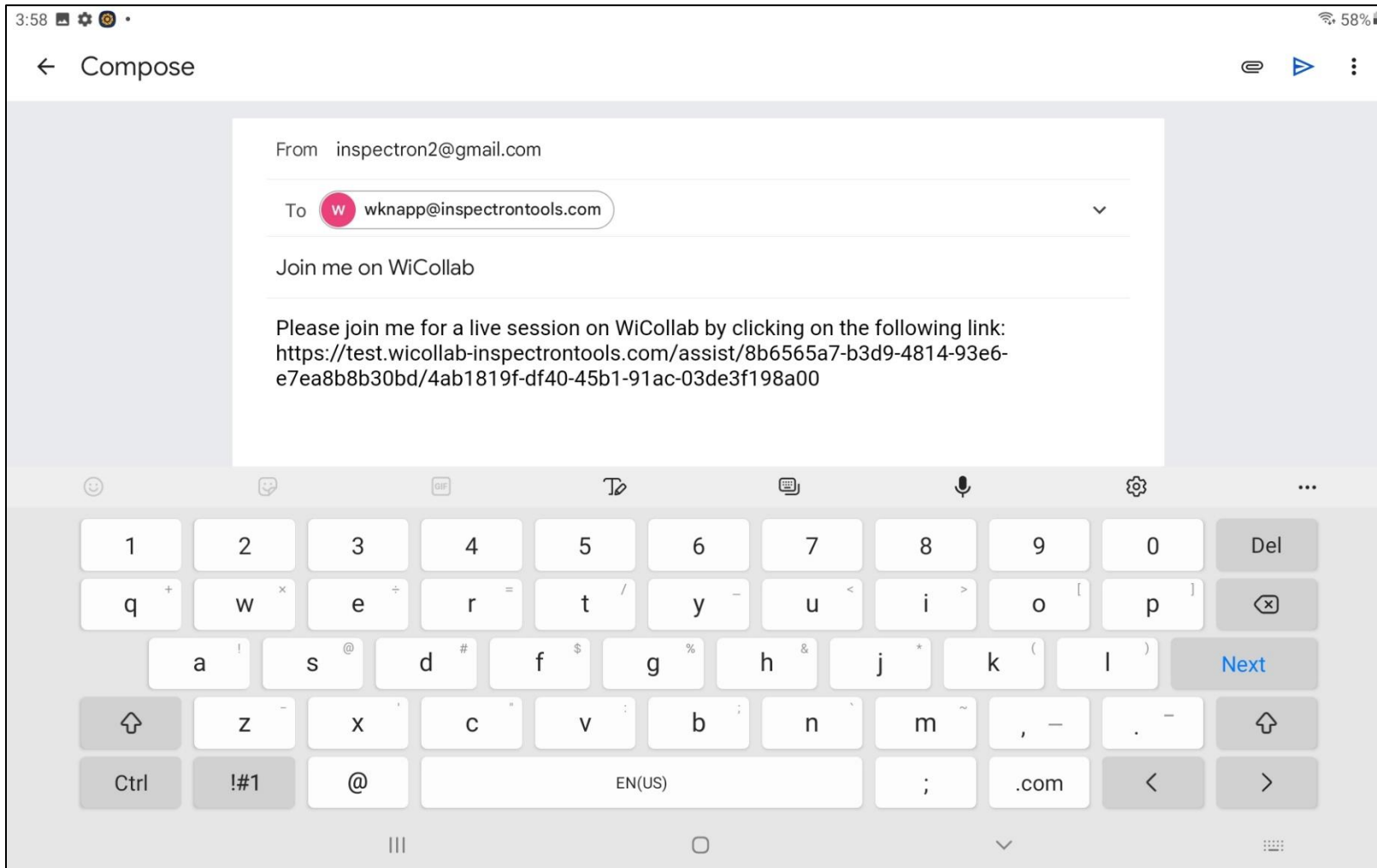
Select "Share link" and a pop-up will appear. See next page for details.

Live Video Call – Tool User



Sharing compatible applications will appear. Select your application and an auto-generated email will populate. See next page.

Live Video Call – Tool User



Type in email to share the Live Video Call with. Depending on the firewalls with the remote user's email, it may take up to a couple minutes for them to receive the email.

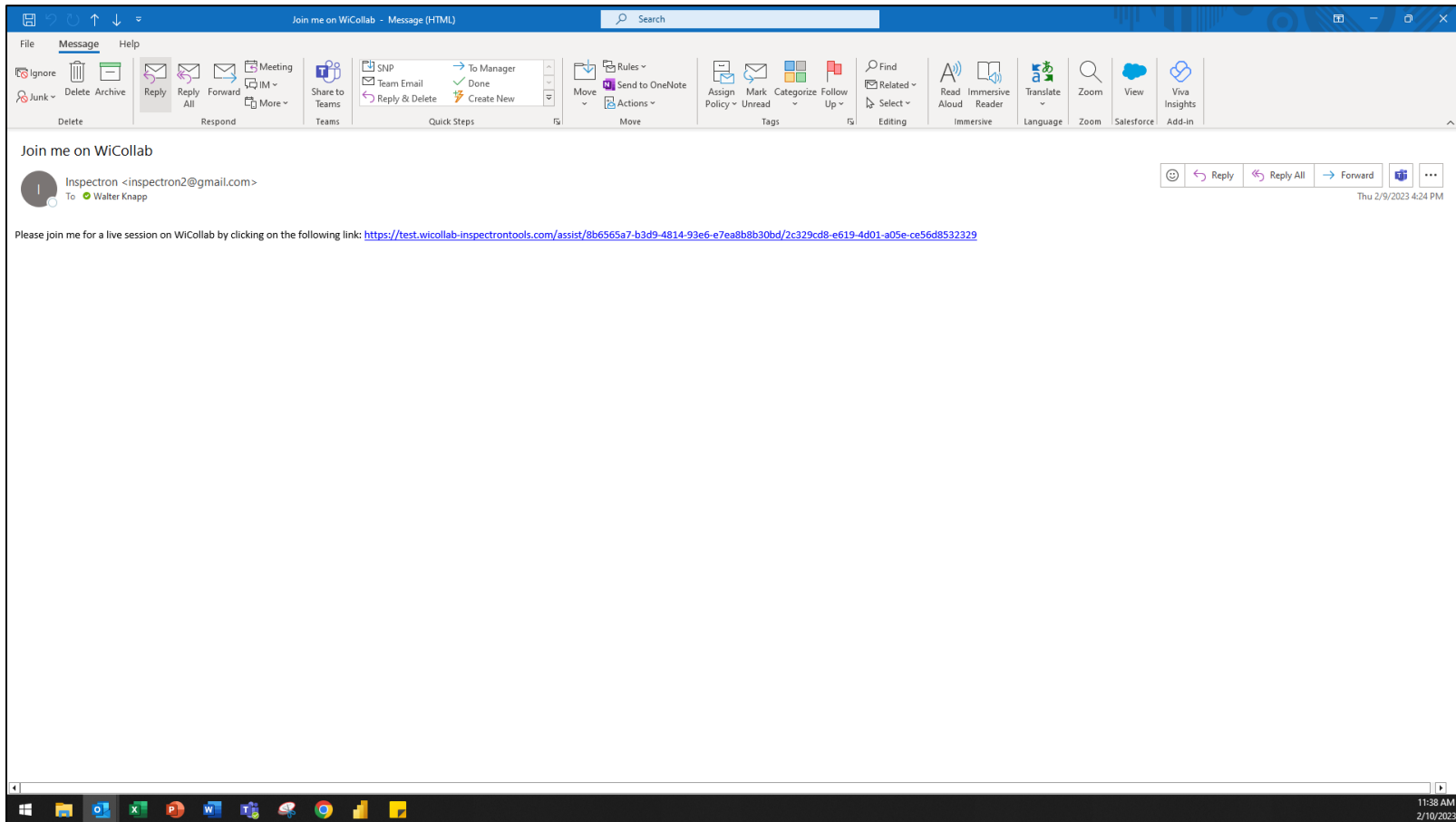
Live Video Call – Tool User



Video will start with camera on connected device (tablet, phone, etc). Switch to tool camera with button.

Press on live video caller screen to enlarge.

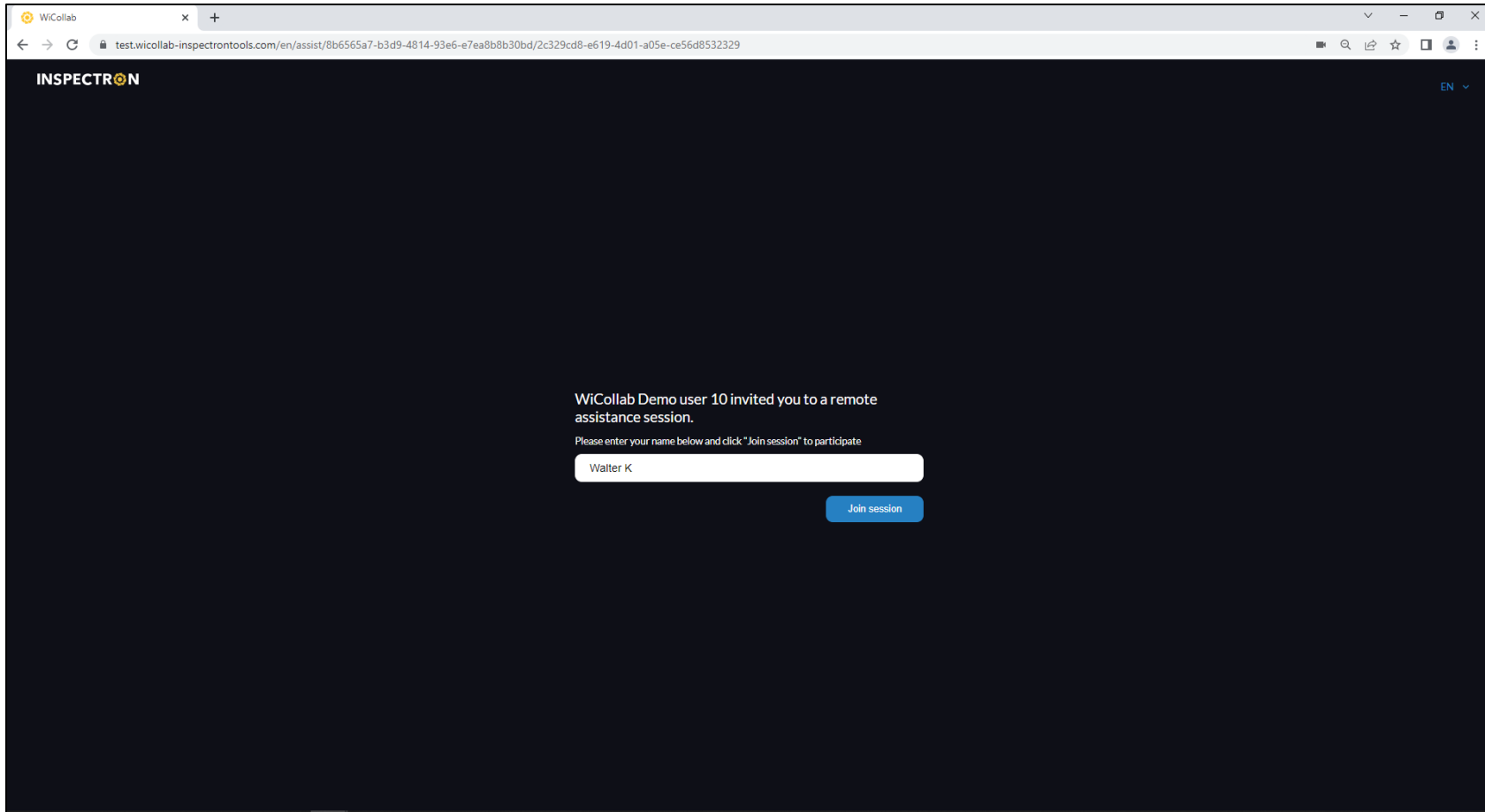
Live Video Call – Remote User



The subject line will state “Join me on WiCollab”.

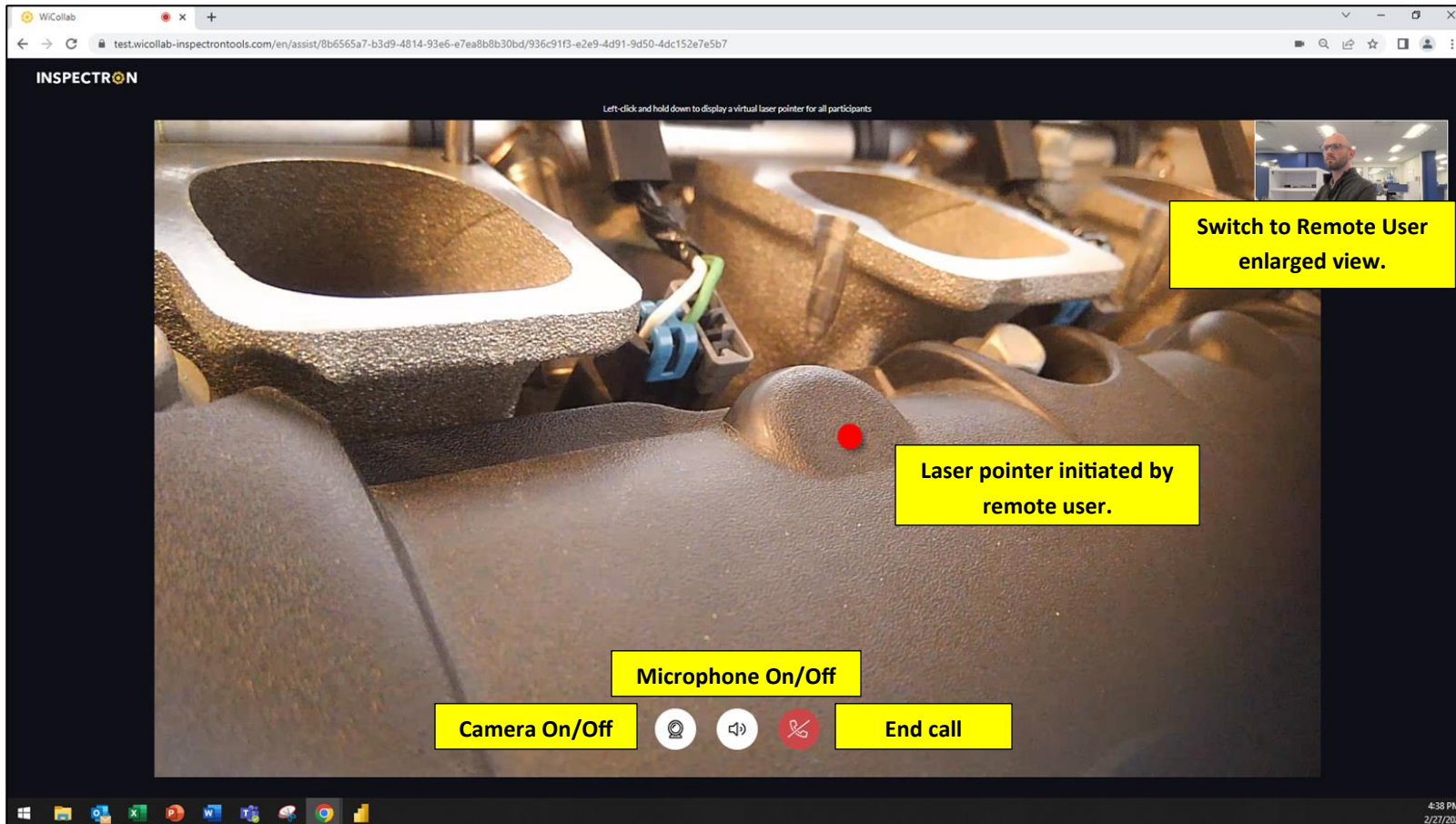
Click on the link to join the session.

Live Video Call – Remote User



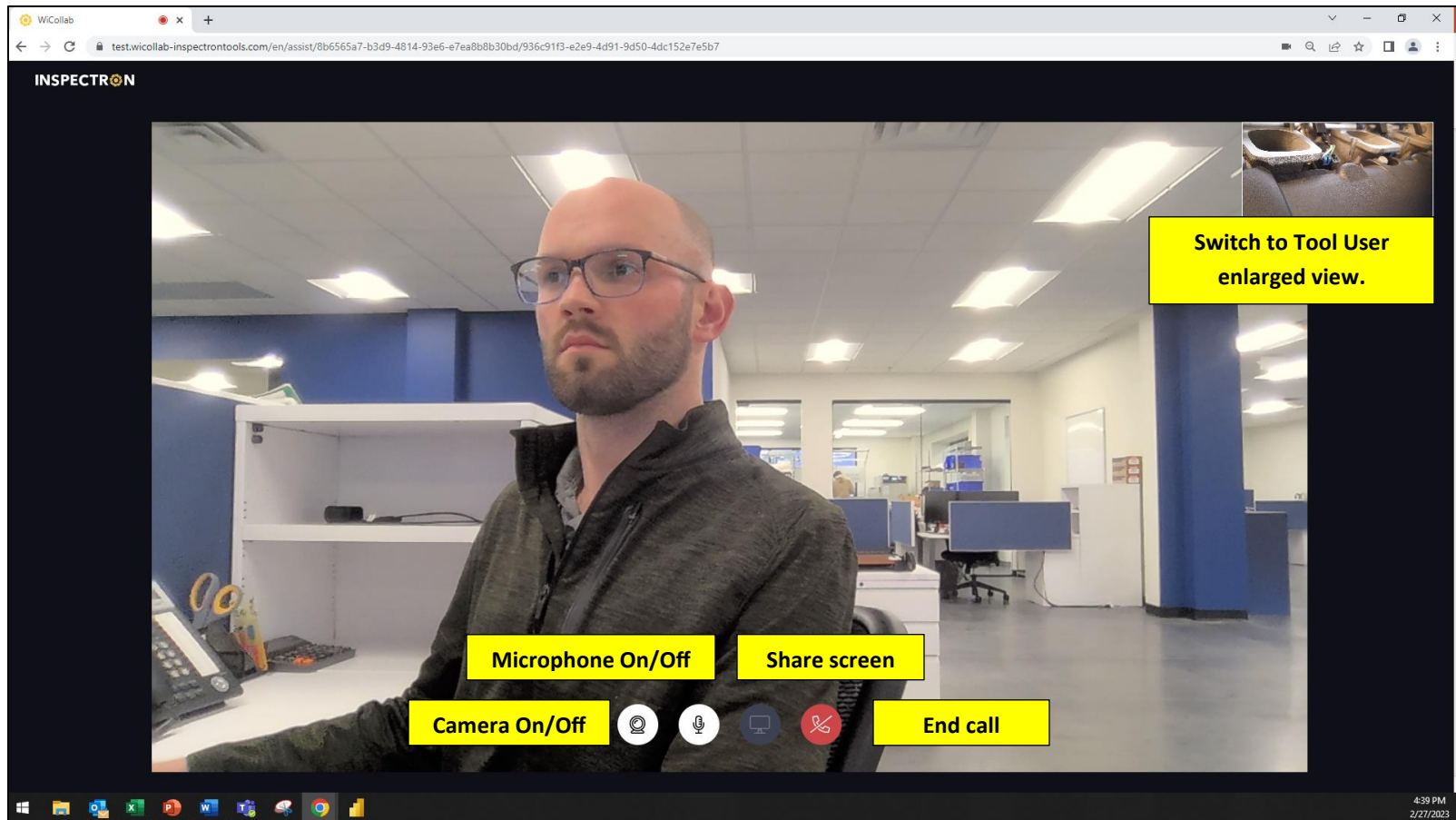
Type in your name and click “Join session” button.

Live Video Call – Remote User



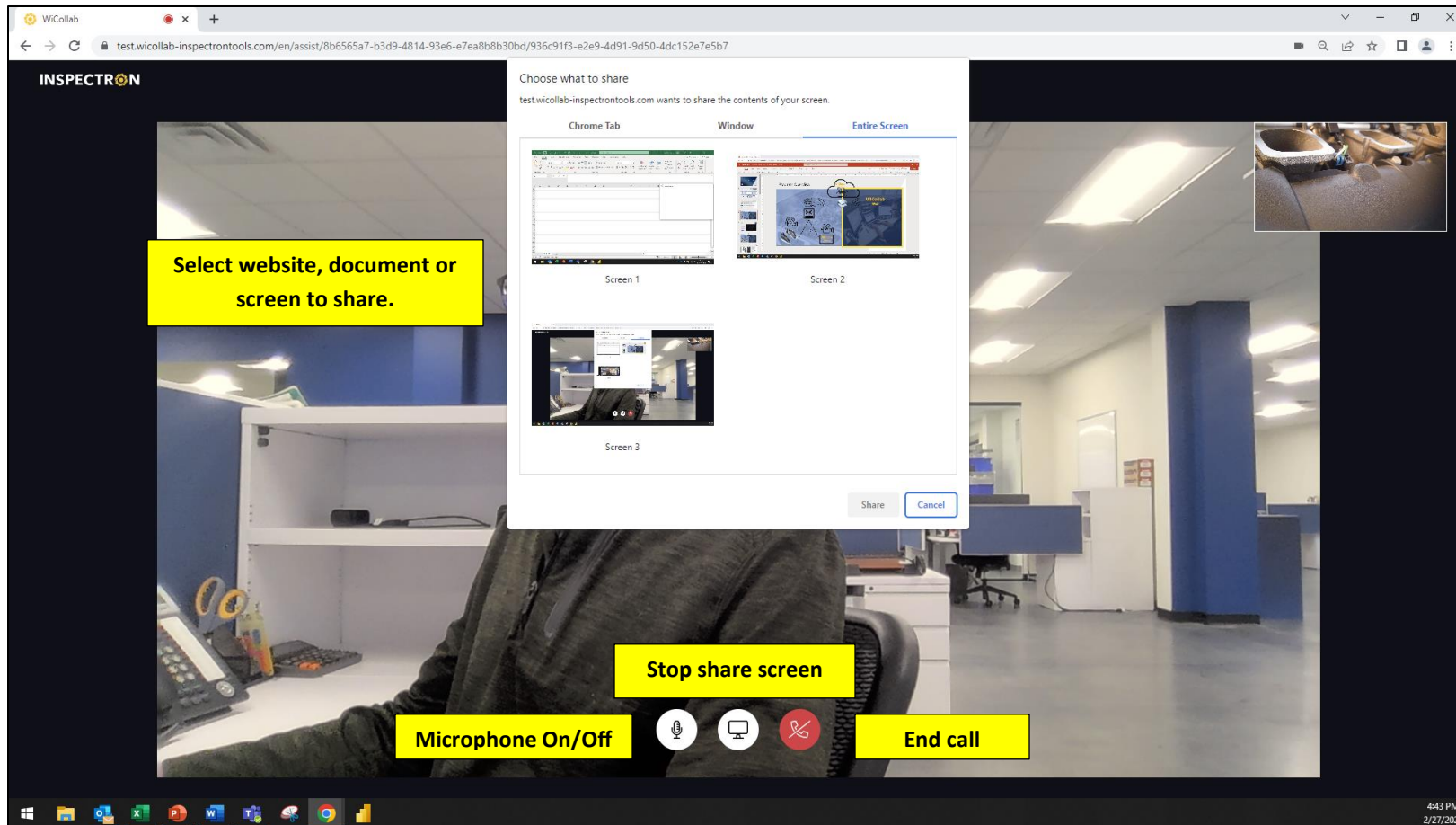
Type in your name and click “Join session” button.
Click on screen to initiate laser pointer indicator.

Live Video Call – Remote User



Enlarged view must be on Remote User to initiate screen share.

Live Video Call – Remote User



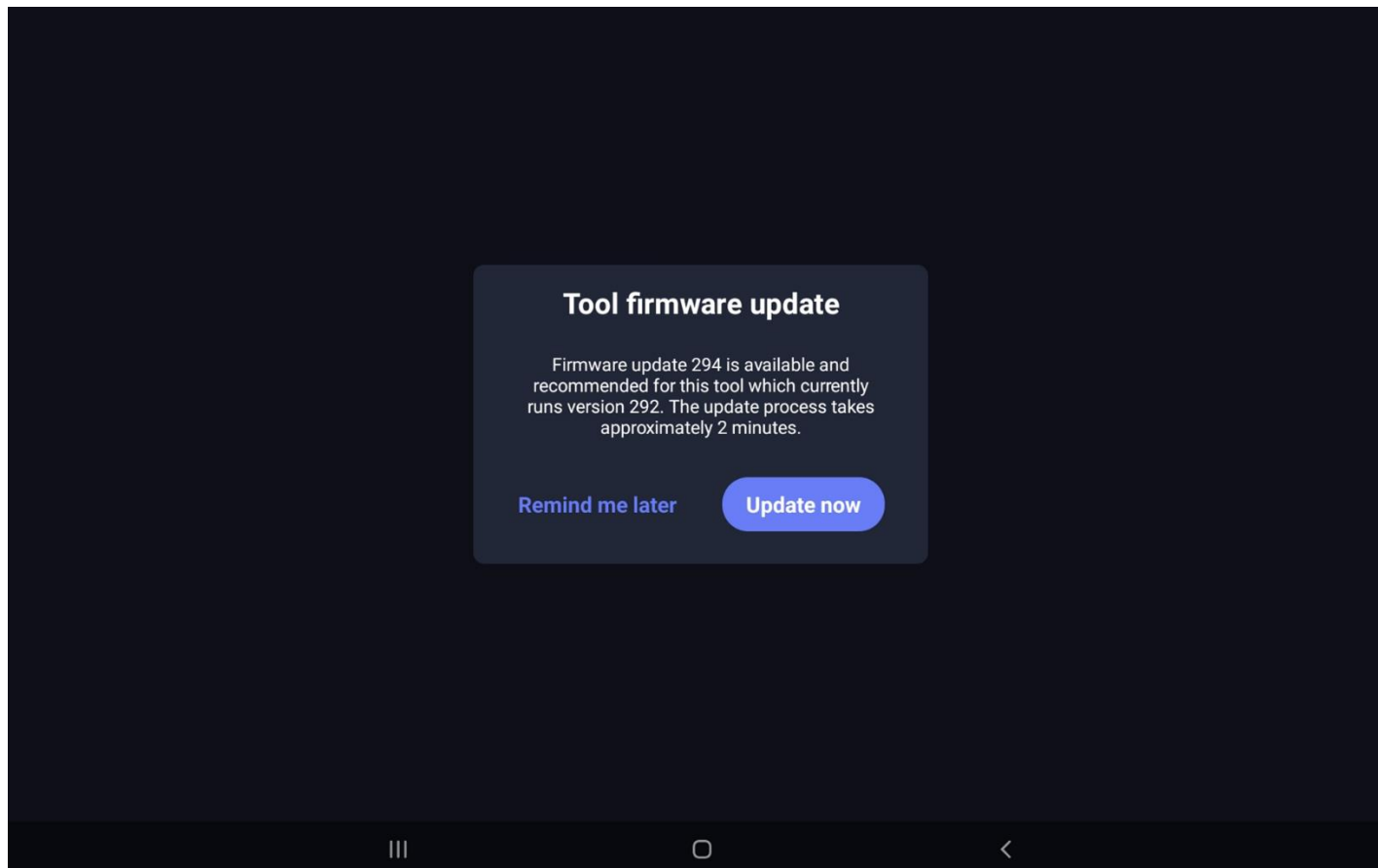
Enlarged view must be on Remote User to initiate screen share.

Firmware Upgrades

A registered account and WiFi connection must be established to upgrade firmware. When you

have an available firmware upgrade, the following prompt will be displayed. Select “Update Now”.

Although recommended, it’s not required to update firmware. Simply select “Remind me later” and you can update your firmware upon the next connection.



Bluetooth

Supported Bluetooth Devices

All devices that require a passcode for connection are categorically unsupported.

Two of the most common Bluetooth profiles are HFP (hands free) and HSP (Headset Profile) (headset). Some devices use both profiles, but others have only one of either HFP or HSP.

Please check your device's Bluetooth specifications to find its profile.

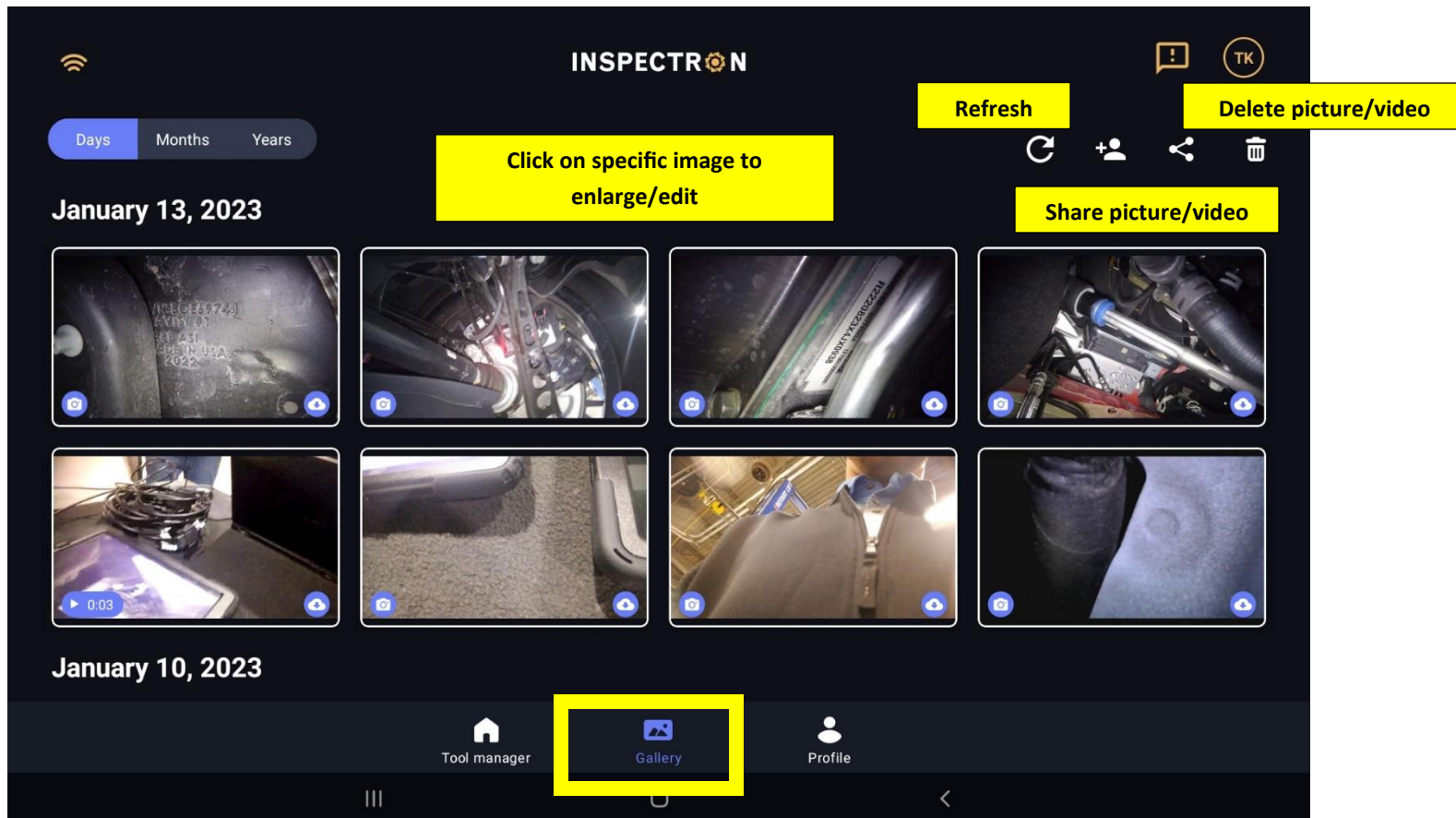
If your device supports both HFP and HSP, it is compatible with the WiTorch.

Currently, HFP-only and all other profiles are unsupported. Additional compatibility updates are planned.

WiCollab App Features

Viewing pictures and videos

To view pictures and videos, click on the gallery icon.



All pictures captured under this user account will be saved to the gallery. If you are operating

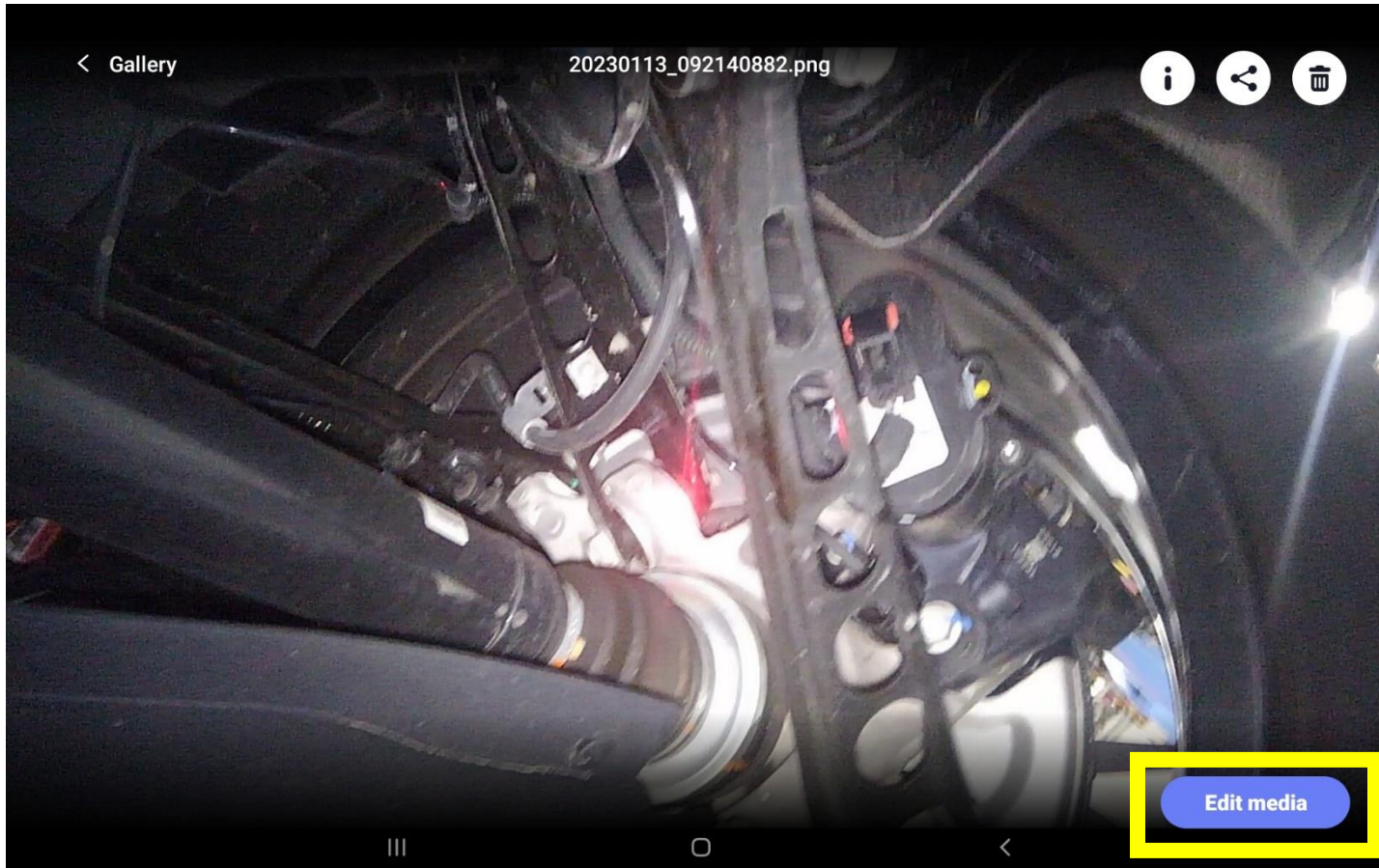
locally (P2P mode), the picture/video will not be saved to the account until the App has connected to a Network. Photos not saved to the account will have a 'slash' through the cloud icon (bottom right corner of the image). Once saved the clouds will be white, with a download arrow icon showing.

Transferring photos and videos

Using the share  button, select items to transfer photos and videos to local device, external software, email, etc. This operation can be complete from the Gallery page, or on a selected photo/video.

Edit Photos

First select edit media button. This can only be done to photos and not videos.

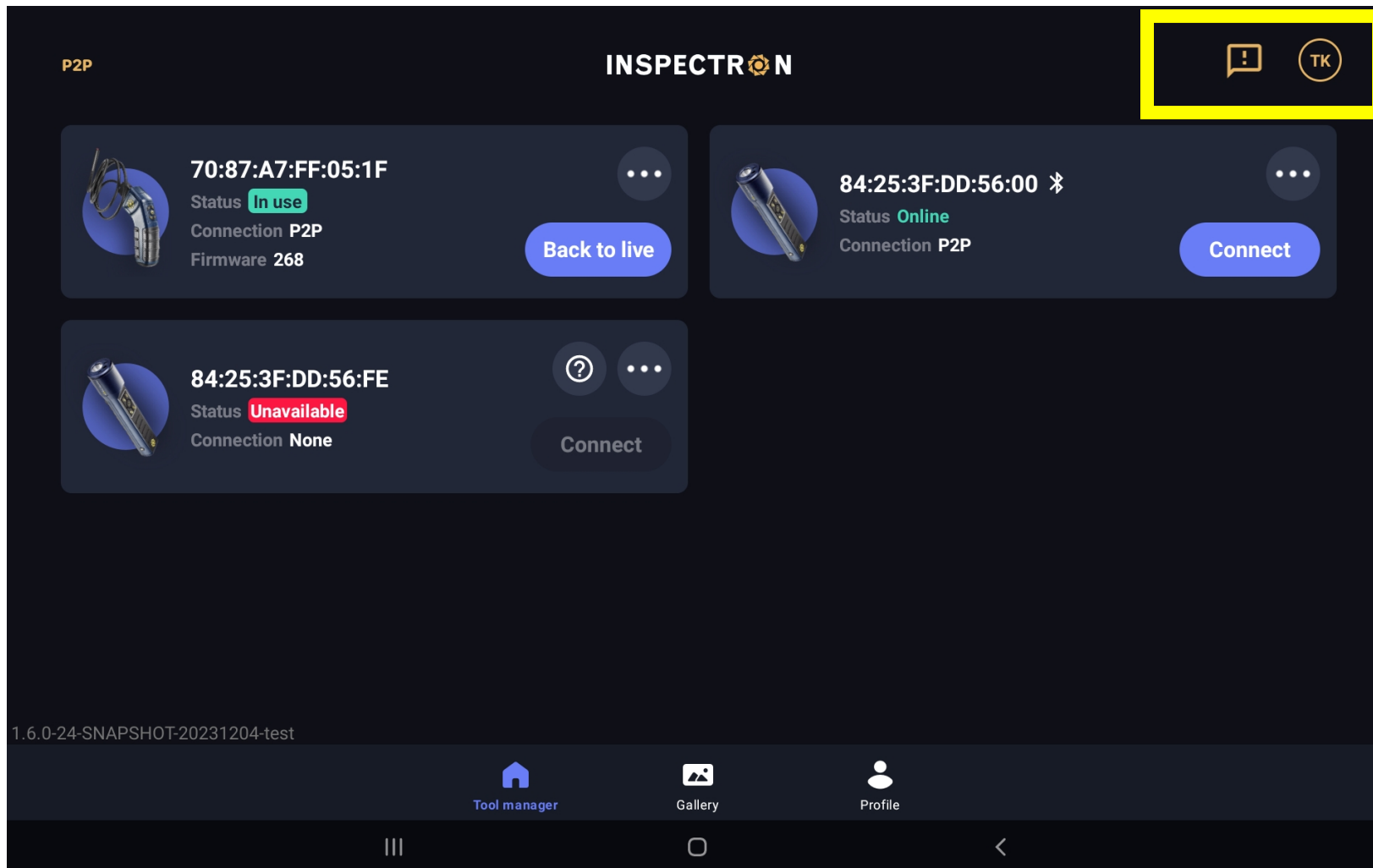


After selecting “Edit media” button, a tool bar will appear. This allows you to draw freely, enter text, draw arrows/circles/quares, erase, and record audio. You can also change the color of your drawing/tet.

Once complete, you can undo/redo and discard/save edits. Saving edits will save an ADDITIONAL copy of the edited photo. The original will be maintained, without edits.

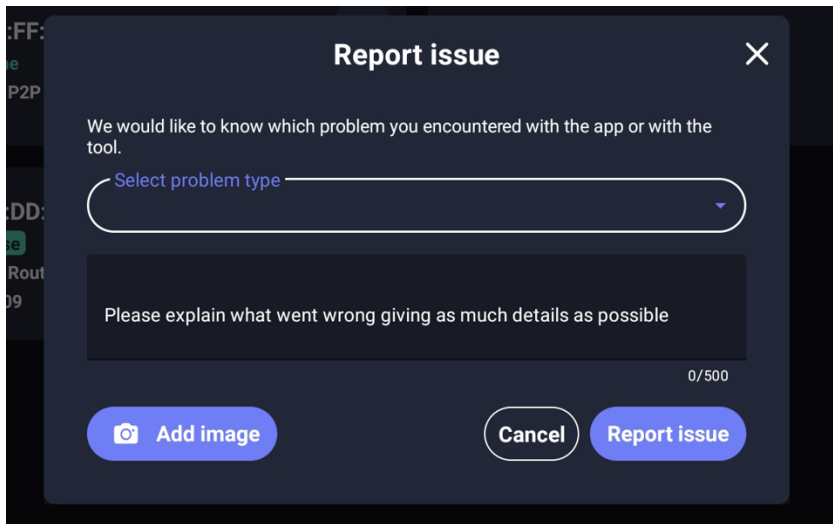


WiCollab™ App Profile and Reporting Information

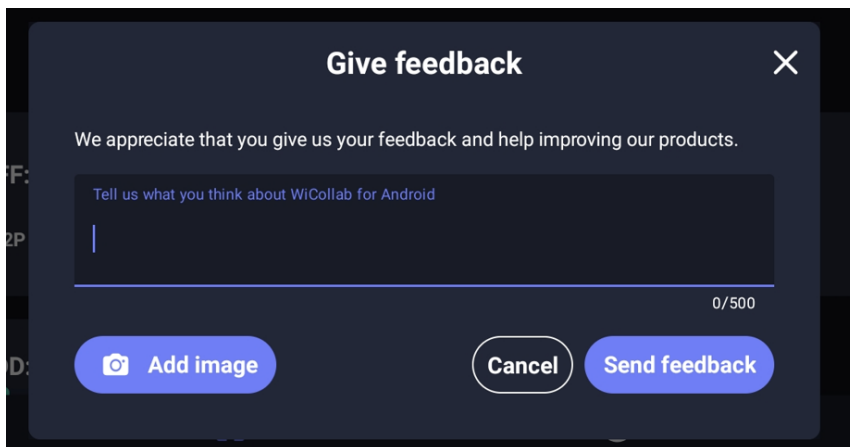


The  icon allows you to report issues and give feedback back to Inspectron. Choose from dropdown of options to select problem type and leave your contact information to be reached out to

by Inspectron.



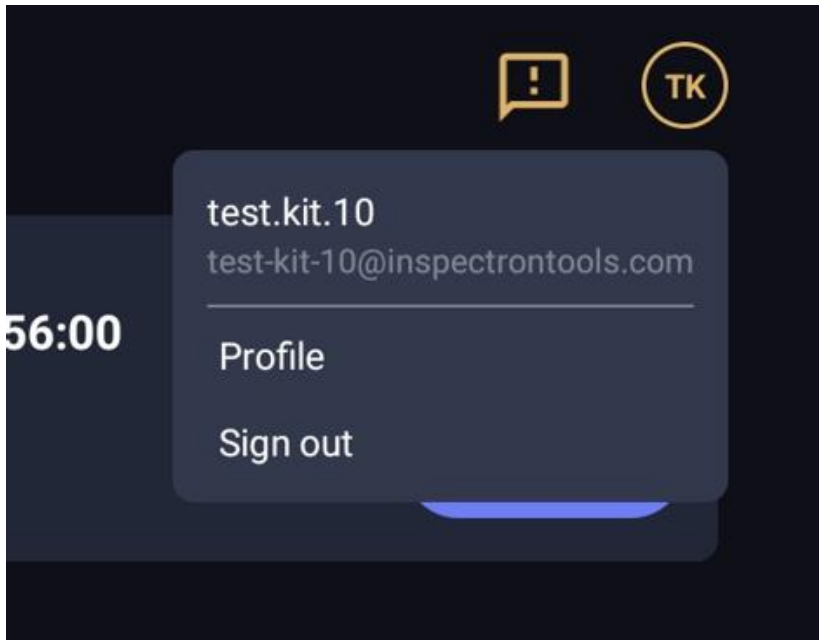
A dark-themed dialog box titled "Report issue" with a close button (X) in the top right corner. The text inside says "We would like to know which problem you encountered with the app or with the tool." Below this is a dropdown menu labeled "Select problem type". Underneath the dropdown is a text input area with the placeholder text "Please explain what went wrong giving as much details as possible" and a character count "0/500". At the bottom, there are three buttons: "Add image" (with a camera icon), "Cancel", and "Report issue".



A dark-themed dialog box titled "Give feedback" with a close button (X) in the top right corner. The text inside says "We appreciate that you give us your feedback and help improving our products." Below this is a text input area with the placeholder text "Tell us what you think about WiCollab for Android" and a character count "0/500". At the bottom, there are three buttons: "Add image" (with a camera icon), "Cancel", and "Send feedback".



The  icon reviews your profile. The initials will depend on your account name You can sign out, change your password in this tab, or change your language preference.



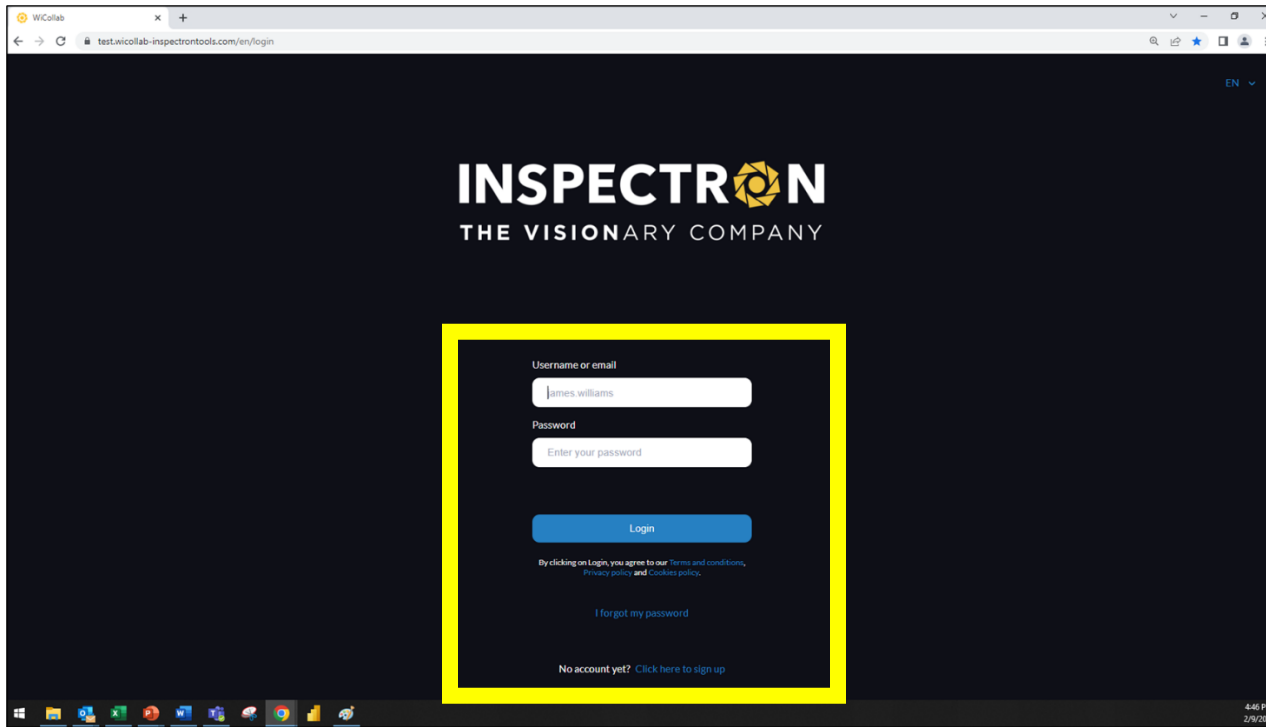
WiCollab Web

WiCollab™ Web allows you to access your photos/videos stored in your Wi Cloud, easily from a remote desktop. You cannot use the Connected Tools in conjunction with WiCollab™ Web.

Website Domain: wicollab-inspectrontools.com

Login using your WiCollab™ App email and password

You can also sign up from this page upon receipt of purchasing your tools.



Upon logging, you can view all saved images and videos.

Photos/videos tied to a scanned barcode will appear under the barcode ID. Upon clicking the barcode ID, all photos/videos will appear.

Delete or download photos/videos directly to your device.

Admin Accounts can adjust the responsibilities/permissions of User Accounts.

WICollab

test.wicollab-inspectrontools.com/en/8b6565a7-b3d9-4814-93e6-e7ea8b8b30bd/gallery/overview

INSPECTRON GALLERY

TEST KIT 10 TK

Days Months Years

Search by caption

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February 9, 2023

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Troubleshooting

SYMPTOM	POSSIBLE REASON	SOLUTION
Display unit does not clearly display image from WiTorch	Imager camera covered/dirty	Clean camera lens
WiTorch is not discoverable in WiCollab	WiTorch is in router mode and the app device is not connected to the same Wi-Fi network	Hard reset WiTorch connection mode by 5 second hold of Zoom and LED button, simultaneously to return the WiTorch to P2P mode. Clearing WiCollab app cache is secondary solution.

Units will not switch on	Battery is critically low	Charge unit until battery indicator light is solid green
Battery does not hold charge	Faulty battery	Contact customer service
Unit will not charge	Power supply is not plugged in	Check power supply connection and secure to power source.
	Damaged power supply/power cord	Replace power supply.
	Operating temperature is below 32°F or above 113°F	Place the unit in an environment with temperature of 32°F - 113°F and allow it to return to a neutral temperature before charging the unit.

Image on display is frozen	Processor locked up	Cycle power by holding power button for 10 seconds and then turning the unit back on by pressing the power button again
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Warranty

Limited Two (2) Year Warranty Inspectron, Inc (the “Seller”) warrants only to the original purchaser that under normal use, care and service, the Equipment (except as otherwise provided herein) shall be free from defects in material and workmanship for two years from the date of original invoice. SELLER’S OBLIGATIONS UNDER THIS WARRANTY ARE LIMITED SOLELY TO THE REPAIR OR, AT SELLER’S OPTION, REPLACEMENT OF EQUIPMENT OR PARTS WHICH TO SELLER’S SATISFACTION ARE DETERMINED TO BE DEFECTIVE AND WHICH ARE NECESSARY IN SELLER’S JUDGMENT, TO RETURN THIS EQUIPMENT TO GOOD OPERATING CONDITION. NO OTHER WARRANTIES, EXPRESS OR IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL APPLY AND ALL SUCH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED. This warranty does not cover (and separate charges for parts, labor and related expenses shall apply to) any damage to, malfunctioning, in operability or improper operation of the Equipment caused by, resulting from or attributable to (A) abuse, misuse or tampering;(B) alteration, modification or adjustment of the Equipment by other than Seller’s

authorized representatives; (C) installation, repair or maintenance (other than specified operator maintenance) of the Equipment or related equipment, attachments, peripherals or optional features by other than Seller's authorized representatives; (D) improper or negligent use, application, operation, care, cleaning, storage or handling; (E) fire, water, wind, lightening or other natural causes; (F) adverse environmental conditions, including, without limitation, excessive heat, moisture, corrosive elements, or dust or other air contaminants, radio frequency interference, electric power failure, power line voltages beyond those specified for the Equipment, unusual physical, electrical or electromagnetic stress and/or other condition outside of Seller's environmental specifications; (G) use of Equipment in combination or connection with other equipment, attachments, supplies or consumable not manufactured or supplied by Seller; or (H) failure to comply with any applicable federal, state or local regulation, requirement or specification governing emission analyzers and related supplies or consumables. Repairs or replacements qualifying under this Warranty will be performed on regular business days during Seller's normal working hours within a reasonable time following purchaser's request. All requests for Warranty service must be made during

the stated warranty period. This Warranty is nontransferable.

Inspectron Service Center Locations

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