Manuals+ — User Manuals Simplified.

KLEIN TOOLS ET16 Borescope for Android Devices Instruction Manual

Contents

KLEIN TOOLS ET16 Borescope for Android Devices

Product Information

Product Name: ET16
Language: English

Product Usage Instructions

To use the ET16 product, please follow the steps below:

1. Connect the ET16 to a power source using the provided power cable.
2. Turn on the ET16 by pressing the power button located on the device.
3. Place the document or item you want to scan on the scanning surface.
4. Adjust the position and alignment of the document/item to ensure it is properly placed.
5. Open the scanning software on your computer or mobile device.
6. Select the appropriate scanning settings, such as resolution and file format.
7. Start the scanning process by clicking the scan button on the software interface.
8. Wait for the scanning process to complete.
9. Review and edit the scanned image if necessary.
10. Save or export the scanned image to your desired location or application.
11. Turn off the ET16 after you have finished scanning by pressing the power button again.

Please refer to the user manual for detailed instructions and troubleshooting tips.

- 10′ (3.05 m) ARMORED GOOSENECK
- 0.35″ (9 mm) CAMERA WITH 6 ON-BOARD LED LIGHTS
- CONNECTS TO MOST ANDROID®* DEVICES AND PCs WITH WINDOWS® XP

*Android® versions 4.0 or higher

GENERAL SPECIFICATIONS

Klein Tools ET16 is a borescope with a 035 in. (9 mm) camera surrounded bv 6 LEDs and attached to a 10 ft. (3.05 m) armored gooseneck Et16 has USB Type C and micro-USB connections for most Android' smart phones and devices. The camera output is displayed on the AndroidC device using the Klein Tools Borescope App, available on Google Play'.

- Operating Altitude: 6562 ft. (2000 m)
- Relative Humidity: <85% non-condensing
- Operating/Charging Temperature: 32°F to 122°F (0°C to 50°C)
- Storage Temperature: 14°F to 140°F (-10°C to 60°C)
- Controller Dimensions: 3.7″ x 1.2″ x .94″ (94 mm x 30 mm x 24 mm)
- Weight: 1.12 lbs (0.51 kg)
- Camera Output: 640 x 480 pixels
- Camera Frames per Second: 25
- Camera Gooseneck Length: 10 ft. (3.05 m)
- Pollution degree: 2
- Ingress Protection: Camera: IP67 dustproof & waterproof
- Drop Protection: 6.6 ft. (2 m)

Specifications are subject to change.
Google Play' and Android' are registered trademarks of Google LLC.

KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE
WARNINGS
To ensure safe operation and service of the instrument, follow these instructions. Failure to observe these warnings can result in serious personal injury, fire, or electrical shock.
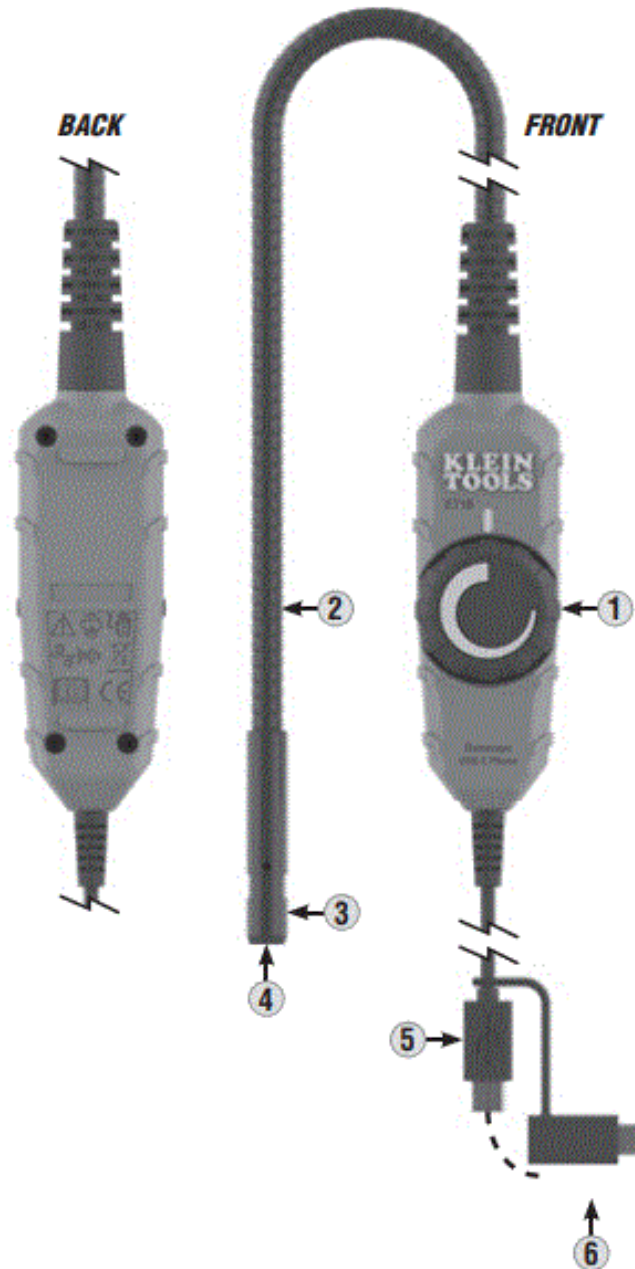
- The borescope, including the camera end, is NOT insulated. Avoid probing areas where energized conductive elements may be present. Shut off power to nearby work areas before starting work.
- DO NOT probe moving machinery that could catch the borescope and/or camera end, and cause harm to the operator and the Borescope.
- NEVER completely immerse the camera in water or liquids. DO NOT use the borescope for underwater inspections.
- Avoid probing areas where chemicals may be present.
- NOT intended for use on people or animals.
- DO NOT use near sources of heat.

- Keep steady footing at all times, following ladder safety procedures when necessary.

NOTE

- DO NOT use if the USB Type-C connector, Micro-USB connector/adapter, or borescope housing is damaged in any way.
- No user-serviceable parts inside. DO NOT open or attempt to repair.

FEATURE DETAILS

1. Camera LED Brightness Control
2. 10 ft. (3.05 m) Gooseneck
3. Camera
4. Camera LEDs
5. USB Type-C Connector
6. Micro-USB Connector/Adapter

NOTE: There are no user-serviceable parts inside.

SYMBOLS ON BACK OF INSTRUMENT

⚠️	Warning or Caution	🥽	Wear approved eye protection
🖐️	NOT insulated - Will NOT protect against electric shock	ℹ️	Read Instructions
⚙️✖️	Do not probe moving machinery	CE	**Conformité Européenne:** Conforms with European Economic Area directives
🗑️	WEEE – Electronics disposal		

OPERATING INSTRUCTIONS

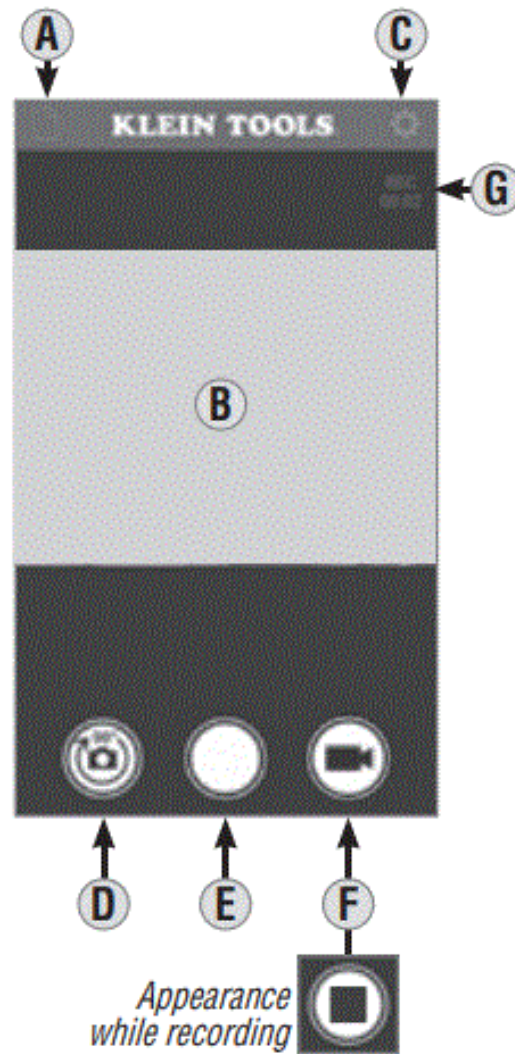### DOWNLOADING THE APP
The ET16 is required for furttjonality. The app is available for fræ on Google Play

1. Turn on your device.
2. Connect the appropriate USB connector on the borescope to your device, i.e., if your device uses a USB-C connector, insert the USB-C connector 5 directly into your device. If your device uses a Micro-USB connector, make sure the Micro-USB Connector/Adapter 6 is fully seated over the USB-C connector 5 , then insert the Micro-USB connector 5 into your device. See FEATURE DETAILS section.
3. Select the Klein Tools Borescope app on your device. The ET16 will be recognized and begin drawing power from the device's battery. At this point the Camera LEDs 4 will become operational. Rotate the Camera LED Brightness Control 1 to control the brightness and/or turn the LEDs off.
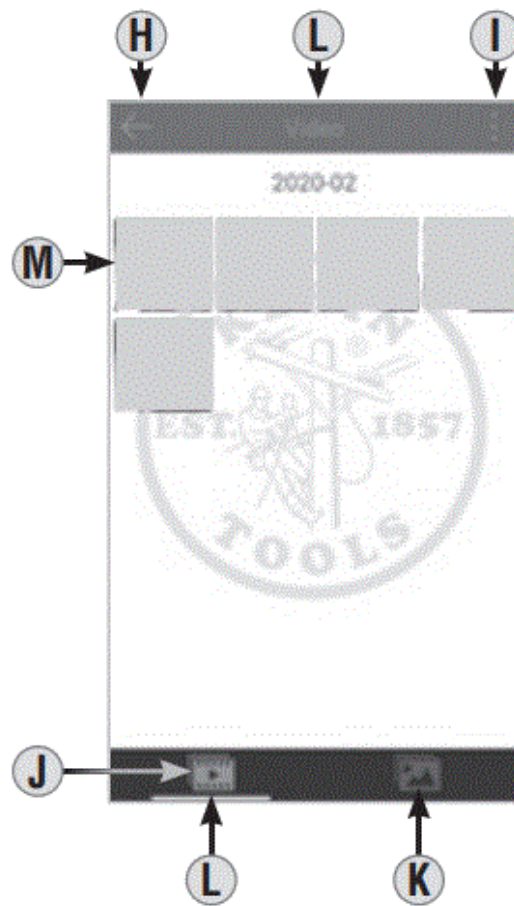
NOTE: The app will open in Display mode, with the camera displaying an image.
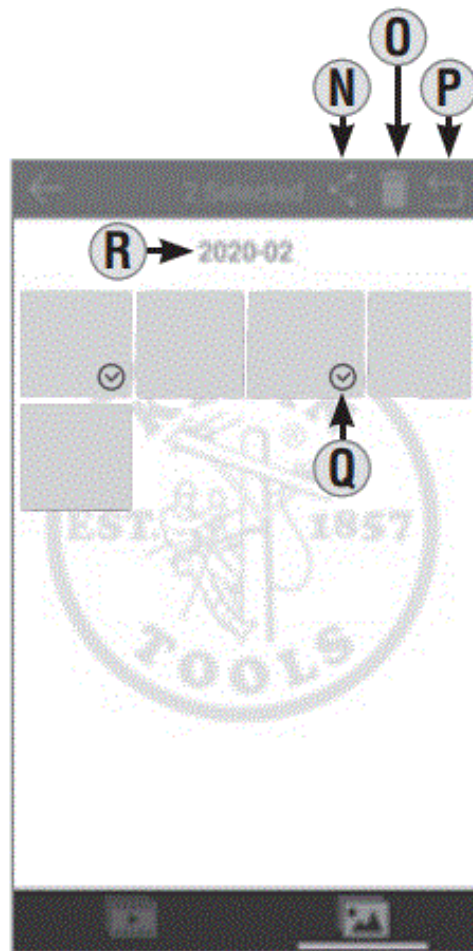
DISPLAY MODE BUTTON/ICON DETAILS

- A. Photo/Video screen icon
- B. Camera image
- C. Settings icon
- D. Rotate Image button
- E. Photo button
- F. Video start/stop button
- G. Elapsed Time (Video)

PHOTO/VIDEO FILE MENU BUTTON/ICON DETAILS

- H. Previous Screen
- I. Select Items
- J. Video Menu
- K. Photo Menu
- L. Active Menu (Photo or Video)
- M. Files

FILE MANAGEMENT MODE BUTTON/ICON DETAILS

- N. Copy or send the selected file
- O. Delete selected file
- P. Exit Edit Mode (when in Edit Mode only)
- Q. File Selected Indicator
- R. Review Mode: File name

  Manage Mode: Files selected

ROTATING THE CAMERA IMAGE ON THE APP SCREEN
Sometimes it may be necessary to rotate the camera image relative to the app screen. Each tap of the Rotate Image button D will rotate the image clockwise in 90° increments. This does not affect the rotation of the entire app screen, just the camera image.

TAKING PHOTOS
While in Display mode, aim the camera 6 at the subject to be photographed and tap the Photo button E to take a photo.

CAPTURING VIDEO
While in Display mode, aim camera 6 at the subject to be recorded and tap the Video Start/Stop button F . While recording video, the elapsed time will be shown G , and the Video Start/Stop button F will turn red and display the square Stop symbol. To end the recording, tap the Video Start/Stop button F again. The Video Start/Stop button F will return to its normal appearance.

VIEWING AND MANAGING PHOTOS AND VIDEO FILES

- To access photo and/or video files, tap the Settings icon C , then select the Video J or Photo K menu.

- Tap on a file O to view.
- To manage files, tap the Select Items icon I to select file(s). Once selected, files can be copied, sent externally N or deleted O .
- To exit File Management mode, tap the Exit File Management mode icon R .

CLEANING

Be sure the unit is turned off and wipe with a clean, dry lint-free cloth. Do not use abrasive cleaners or solvents.

STORAGE

Do not be exposed to high temperatures or humidity. After a period of storage in extreme conditions exceeding the limits mentioned in the General Specifications section, allow the unit to return to normal operating conditions before using.

WARRANTY

www.kleintools.com/warranty
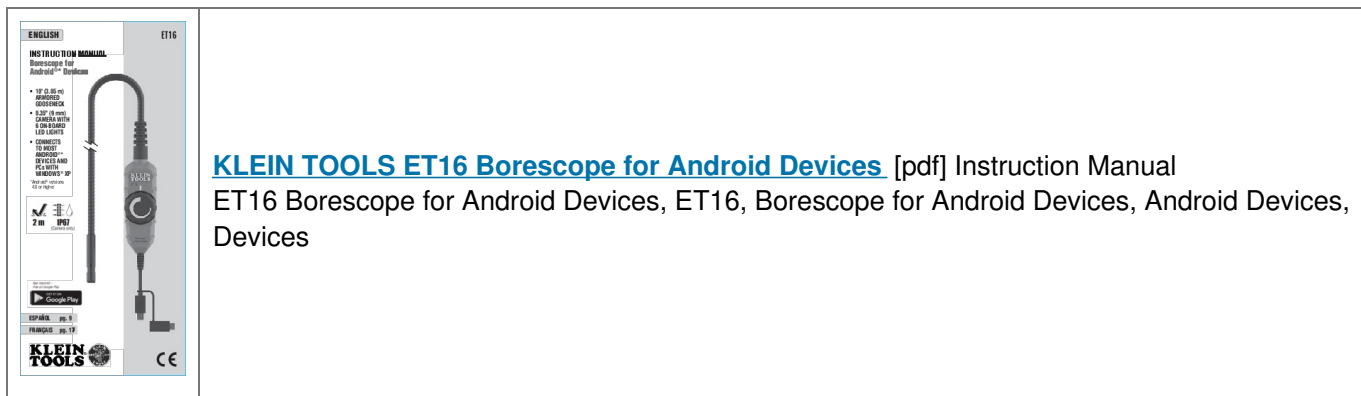
DISPOSAL / RECYCLE

Do not place equipment and its accessories in the trash. Items must be properly disposed of in accordance with local regulations. Please see **www.epa.gov** or **www.erecycle.org** for additional information.

CUSTOMER SERVICE

KLEIN TOOLS, INC.
450 Bond Street Lincolnshire, IL 60069 1-800-553-4676 **customerservice@kleintools.com**
www.kleintools.com

Documents / Resources

[**KLEIN TOOLS ET16 Borescope for Android Devices**](#) [pdf] Instruction Manual
ET16 Borescope for Android Devices, ET16, Borescope for Android Devices, Android Devices, Devices

References

- ⊛ [**Klein Tools - For Professionals since 1857 | Klein Tools**](#)
- ♼ [**U.S. Environmental Protection Agency | US EPA**](#)
- 🌐 [**Electronic Waste Management - CalRecycle Home Page**](#)
- ⊛ [**Klein Tools - For Professionals since 1857 | Klein Tools**](#)
- ⊛ [**Warranty | Klein Tools**](#)
- [**User Manual**](#)