TOPDON USA's New TC001 Mini Advanced Thermal Imaging Camera Offers Big Capabilities in a Compact Package

TOPDON USA introduced the TC001 Mini, a compact plug-in thermal camera featuring patented Thermal Image Super Resolution (TISR) technology.



TOPDON USA

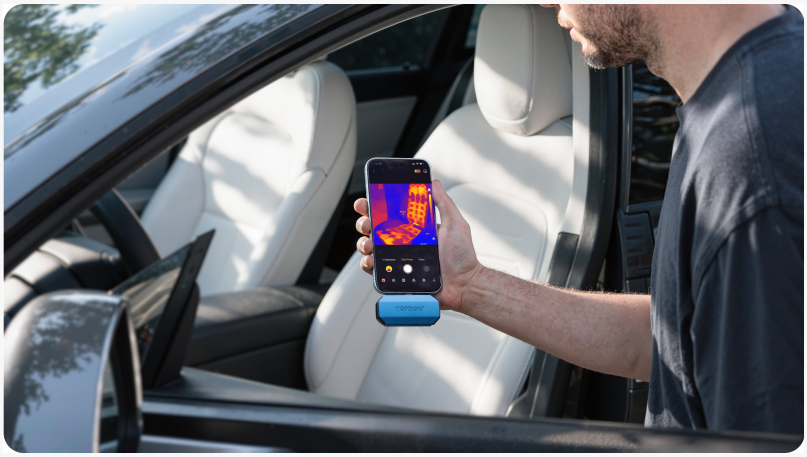
FAIRFIELD, NJ, UNITED STATES, September 29, 2026 / EINPresswire.com/ -- TOPDON USA (https://www.topdon.us/), a leading provider of cutting-edge automotive diagnostic tools, technology, and software, has introduced the TC001 Mini (https://www.topdon.us/products/tc001-mini), a compact plug-in thermal camera featuring patented Thermal Image Super Resolution (TISR) technology. Designed by TOPDON's team of industry-leading engineers, the TC001 Mini thermal camera is an ideal troubleshooting tool for DIYers, homeowners, and professionals. The TC001 Mini and is now available through TOPDON's national distribution network.

> By integrating our patented TISR technology and AI, the TC001 Mini delivers powerful capabilities without compromising image quality and the detail needed to accurately troubleshoot issues."
>
> *Chad Schnitz*

"Our new TC001 Mini thermal imaging camera was engineered to deliver big performance in a compact package," said Chad Schnitz, vice president at TOPDON USA. "By integrating our patented TISR technology and AI, the TC001 Mini delivers powerful capabilities without compromising image quality and the detail needed to accurately troubleshoot issues. It can be used for a wide range of applications including automotive repair, HVAC, plumbing, as well as building and home inspections. TOPDON is redefining the way people work by putting thermal imaging technology wherever they need it."

The TC001 Mini features a native 96×96 infrared sensor and uses patented TISR technology to

enhance thermal images to 384×384 resolution. It is enhanced by TOPDON's TopFix AI, which streamlines diagnostic and repair processes for technicians and inspectors by giving them a virtual repair assistant. The TC001 Mini is supported by iOS, Android, and Windows for flexible and easy plug-in operation, and is compatible with the TopInfrared app and TopView PC software for analysis and reporting.



The TC001 Mini features a native 96×96 infrared sensor and uses patented TISR technology to enhance thermal images to 384×384 resolution.

The TOPDON TC001 Mini specifications include:

- 96×96 resolution, enhanced to 384×384 with TISR
- 25 Hz refresh rate
- ≤40 mK thermal sensitivity (NETD)
- -4 °F to 1022 °F
- ±2 °C, or ±2% accuracy
- 8-14 µm spectral range
- 12 µm pixel size
- 0.07 lb product weight
- 2.76 x 0.55 x 1.73 inches

About TOPDON USA

Founded in 2017 and based in Fairfield, New Jersey, TOPDON USA is a provider of entry-level, mid-level, and advanced tools and solutions for professional technicians and DIY enthusiasts. Globally, TOPDON has more than 250 industry-leading engineers and owns more than 600 patents and software copyrights. The company's cutting-edge technology helps shops minimize downtime and maximize profits. For more information, visit www.topdon.us.

Follow TOPDON USA on Facebook, Instagram, YouTube, and TikTok.

Aaron Cook
TimePiece PR & Marketing
+1 214-520-3430

This press release can be viewed online at: https://www.einpresswire.com/article/946134548

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable

in today's world. Please see our Editorial Guidelines for more information.
© 1995-2026 Newsmatics Inc. All Right Reserved.