

New Thermal Camera in Top Performance Class Expert from Bosch

Even Sharper Images on Extra Large Display

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- ▶ **Precise Infrared Technology:** High-resolution sensor enables ultra sharp thermal images indoors and outdoors
- ▶ **Intelligent Image Optimization:** Innovative AI Image Boost technology delivers higher measuring point density for the finest details
- ▶ **Easy Handling:** Large touchscreen, ergonomic hand strap, and intuitive operation make it easier to use
- ▶ **System Compatibility:** Full integration into the Professional 18V System and the multi-brand AmpShare battery alliance

Stuttgart / Leinfelden – Making the invisible visible: Professional users can now do this even better than before with the new EXPERT EXTC18V-650-17C thermal camera from Bosch. The tool belongs to the [Top Performance Class Expert](#) from Bosch, which provides professionals with power tools, measuring technology, and accessories for the highest demands. The EXPERT EXTC18V-650-17C is the first thermal camera with an 18V battery from Bosch, making it part of the [Professional 18V System](#), which covers all major applications and, thanks to the multi-brand [AmpShare Alliance](#), even extends beyond Bosch's own product range. Many brands, many tools, one battery system: All tools – from compact screwdrivers to miter saws – can be operated with the same 18V lithium-ion battery and just one charger. This saves users time, space, and money. In addition, Bosch is launching another model, the PRO GTC18V-600-16C.

Precisely Detect and Correctly Interpret Temperature Differences

As a tool from the Expert top performance class, the EXPERT EXTC18V-650-17C offers essential functions for numerous applications: Electricians use it for non-contact testing of control cabinets and connections. In the HVAC sector, users can quickly locate heating pipes, blockages, or leaks. The new thermal camera is also suitable for industrial applications to monitor machinery, in the

automotive trade for engine diagnostics, and for energy consultants to analyze building envelopes. The built-in infrared sensor offers a native resolution of 384 x 288 px and covers a temperature range of -30 °C to +650 °C – the largest measuring range among Bosch thermal cameras.

The technological highlight is the integrated AI Image Boost technology: A specially trained AI model analyzes the captured thermal imaging data. When this function is activated, the camera calculates an optimized version with four times more measurement points from a frozen thermal image. Compared to conventional tools, the EXPERT EXTC18V-650-17C, thanks to the high sensor resolution and activated AI Image Boost, delivers up to eight times more measurement points than the PRO GTC18V-600-16C. This reliably reveals the finest structures and thermal details indoors and outdoors, which allows for even more concrete analyses and helps users interpret the thermal images. Clever functions also support the professional in editing images and capturing and evaluating data directly in the tool.

Intuitive Operation and Robust Suitability for Construction Sites

The 4.3-inch touchscreen ensures a first-class user experience; alternatively, operation can be carried out via a joypad. Users can set up to five additional measuring points directly on the screen and edit images in the tool or add a voice note. Since harsh conditions prevail on construction sites, the camera has a robust design. A reinforced 360° rubber protection protects the display and housing from impacts. The tool is dust and splash-proof in accordance with protection class IP54 and can withstand drops from up to two meters. To expand the measuring capabilities, the camera has an integrated Type-K interface for external temperature probes, which also are available in various versions from Bosch and enable direct contact measurements. Via the integrated WiFi, data can be sent directly to the Bosch ThermalOn app. Alternatively, the images can be transferred to a computer via USB-C. Whether mobile in the app or on a computer using the free GTC Transfer Software, the images can be further edited, sent, or archived.

The thermal cameras EXPERT EXTC18V-650-17C and PRO GTC18V-600-16C will be available from November 2026. All prices are recommended retail prices excluding VAT.

Tool specifications	EXPERT EXTC18V-650-17C	PRO GTC18V-600-16C
Battery voltage / capacity	18V / 2.0Ah	18V / 2.0Ah
Measurement range	-30 ... +650 °C	-20 ... +600 °C
Measurement accuracy	±2 °C	±2 °C
IR resolution	384 x 288 px	256 x 192 px
Size of display	4.3" Touch	4.3" Touch
Connectivity	WiFi	WiFi
Protection class	IP 54	IP 54
Dimensions (L x W x H)	257 x 128 x 122mm	257 x 128 x 122mm
Weight (without battery)	0.760kg	0.760kg
Scope of delivery / recommended retail price plus VAT	Tool with GBA18V-20 2.0Ah battery, GAL 18V-20 (II) charger, Temperature probe surface (Type K) in L-Boxx: € 2,664	Tool with GBA18V-20 2.0Ah battery, GAL 18V-20 (II) charger in L-Boxx: € 2,049

Subject to change.

Press photos and infocharts are available on the Bosch Media Service at www.bosch-press.com.

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The Bosch Group is a leading global supplier of technology and services. It employs roughly 413,000 associates worldwide (as of December 31, 2025). The company generated sales of 91 billion euros in 2025. Its operations are divided into four business sectors: Mobility, Industrial Technology, Consumer Goods, and Energy and Building Technology. With its business activities, the company aims to use technology to help shape universal trends such as automation, digitalization, electrification, and artificial intelligence. In this context, Bosch's broad diversification across regions and industries strengthens its innovativeness and robustness. Bosch uses its proven expertise in hardware, software, and services to offer customers cross-domain solutions from a single source. It also applies its expertise in connectivity and artificial intelligence in order to develop and manufacture intelligent, user-friendly, and sustainable products. With technology that is "Invented for life," Bosch wants to help improve quality of life and conserve natural resources. The Bosch Group comprises Robert Bosch GmbH and its roughly 500 subsidiary and regional companies in over 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. Bosch's innovative strength is key to the company's further development. Bosch employs some 82,000 associates in research and development.

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