



### Measure surface temperatures even more precisely: **Bosch GTC 600 C Professional thermal camera** Extended application range both indoors and outdoors

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- ▶ Higher resolution: More details and sharper image
- ▶ Extended measurement range: Temperatures from -20 to +600 degrees Celsius
- ▶ More functions: More precise, more convenient inventory and documentation
- ▶ Rapid exchange: Data transmission to the [Bosch Thermal App](#)

Efficient and timesaving: Bosch is expanding the temperature measurement segment by a precise and versatile thermal camera, the GTC 600 C Professional. In the stored thermal images with a resolution of 256 x 192 pixels, each of the 49,152 pixels corresponds exactly to one measuring point. The result is a detailed and precise thermal image. In addition, the measuring range is between -20 and +600 degrees Celsius and thus offers even more application possibilities than the proven GTC 400 C Professional in the range – especially outdoors and even beyond the use in the construction environment. The tool identifies weak spots such as defective radiators and underfloor heating systems as well as thermal bridges just as reliably as overheating of structural components, for example in switch cabinets or in the automotive sector. The GTC 600 C Professional can be used wherever temperature differences need to be detected quickly and reliably – including, for example, in veterinary medicine to localize inflammations and in agriculture. Here it supports users, for example, in the maintenance of machines and equipment. No matter which application area is concerned: The GTC 600 C Professional is very robust and can even withstand being dropped on concrete from a height of two meters. It is also dust- and splash-proof with protection class IP 54.

#### **Even more efficient thanks to new functions such as a voice note**

Quickly recording of the current situation, clarifying the requirements for preparing an offer, and checking and documenting work results – the new functions in the GTC 600 C Professional make it easier to perform these tasks and much more besides. Professionals can now, for example, add a voice note up to 30 seconds long to recorded images. To date, this function was only available

with tools in a much higher product class. The voice note is easily and conveniently recorded via the integrated microphone and saved in the gallery together with the real and thermal image. This avoids assignment errors, making documentation even easier. The thermal image and voice note can be called up at any time directly on the tool. The operation of the tool is intuitive. In addition to the picture-in-picture function, other functions can be displayed and adjusted at the push of a button, such as the color scale. It can be fixed, for example, in lock mode to visualize measurements of different rooms in the same way and thus compare them better.

The GTC 600 C Professional also now features an extended list of emissivity values: More than 30 different materials are stored. If, for example, the user has selected tiles, the device considers the emissivity of this surface, i.e. its heat radiation, during the infrared measurement. The surface temperature is thus determined more precisely. In addition, professionals can save the five most important materials individually and thus have fast access to them. This function distinguishes the GTC 600 C Professional from competitor models. Users in window construction can, for example, store the emissivity values for plastic, aluminum, glass, wood, and plaster. They can therefore switch more quickly between the individual measurements and work without any interruptions.

### **Fast data exchange and further processing via a smartphone or PC**

The GTC 600 C Professional is equipped with a Wi-Fi module, which the tool uses to establish its own Wi-Fi hotspot. Users can connect their smartphone or tablet to the tool and import the thermal images, including the measured data, via the [Bosch Thermal App](#). This makes it possible to process information immediately and pass it on to customers, colleagues, or other trades. Alternatively, all data can be transferred to a PC via USB-C® cable and processed there by means of the free [GTC Transfer Software](#).

The GTC 600 C Professional thermal imager is available right now. It is operated by an interchangeable battery from the Bosch [Professional 12V System](#). All prices are recommended retail prices excluding VAT.

| <b>Specifications</b>                                    | <b>GTC 600 C Professional</b>  |
|--|--|
| Infrared sensor resolution                               | 256 x 192, 49,152 pixels   |
| Measuring range of surface temperature                   | -20 °C bis +600 °C   |
| Measuring accuracy of surface temperature                | ± 2 °C <sup>1</sup>  |
| Field of view  | 45° x 35°  |
| Refresh rate   | 9 Hz   |
| Thermal sensitivity (NETD)                               | ≤ 50 mK  |
| Dust and splash water protection                         | IP 54 <sup>2</sup>   |
| Connectivity   | Yes  |
| Image memory   | Up to 600 images <sup>3</sup>  |
| Dimensions (height x length x width)                     | 231 x 102 x 115 mm   |
| Power supply   | 12 V lithium-ion battery   |
| Runtime per battery charge (2.0 Ah)                      | Up to 6 hours  |
| Weight (including 2.0 Ah battery)                        | 0.64 kg  |
| Scope of delivery/recommended retail price excluding VAT | <ul style="list-style-type: none"> <li>• “Click&amp;Go” tool in the L-Boxx including a USB-C® cable: €1,599</li> <li>• Tool in the L-Boxx including GBA 12V 2.0 Ah Professional battery, GAL 12V-40 Professional charger and USB-C® cable: €1,599</li> </ul> |

<sup>1</sup>plus use-dependent deviation, for example due to reflection, distance, or ambient temperature

<sup>2</sup>excluding lithium-ion battery

<sup>3</sup>depending on the length of the stored voice note

Subject to change.

**Press photos:** #0d1a4a3a, #35ec8837, #5d364b35, #0ef58e83

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