



Company: TechnoTeam Bildverarbeitung GmbH
Werner-von-Siemens-Str. 5
D-98693 Ilmenau

Internet: www.technoteam.de

Brief description:

TechnoTeam founded in 1991 by university lecturers and collaborators of the Ilmenau University of Technology (TUI) has over 30 years of experience in image processing, image recognition, and in the installation of image processing applications in the most various fields.

At an early stage of the 1990's and in close cooperation with the Department of Lighting Engineering of the TUI, TechnoTeam has developed image-resolving light & color measuring techniques for scientific and research use, as well as industrial automation processes. These measuring techniques are applied in the development and manufacture of luminous and illuminated devices such as displays, headlamps, backlit structures and luminaires. They have become industry standard in the automobile industry and its suppliers.

As developer and manufacturer of imaging light and color measuring technology, we always strive to deliver the optimum systems and application solutions for the measurement task. This concerns our luminance measuring and color measuring techniques as well as the geometrical measuring technique.

For the industrial automation, we provide you with OEM devices just as tailor-made complete solutions in the fields of geometrical and light & color measuring, brightness & color inspection technology, optical pattern & shape recognition, high-level image processing. Our know-how includes the software and hardware development up to the PCB- and FPGA design.

Products:

Photometry/Colorimetry

- Imaging luminance and colour measuring devices (IxMD) used in R&D and production control (e.g. for display measurement, automotive interior design measurement, head and tail lamps, ...)
- Near-Field Goniophotometer for LED, lamps and luminaires

Machine Vision

- Geometric measurement systems (2D and 3D) especially camera and software solutions for PCB and target based registration (e.g. for laser direct imaging solutions).
- Photometric and colour measurement solutions for production control environments