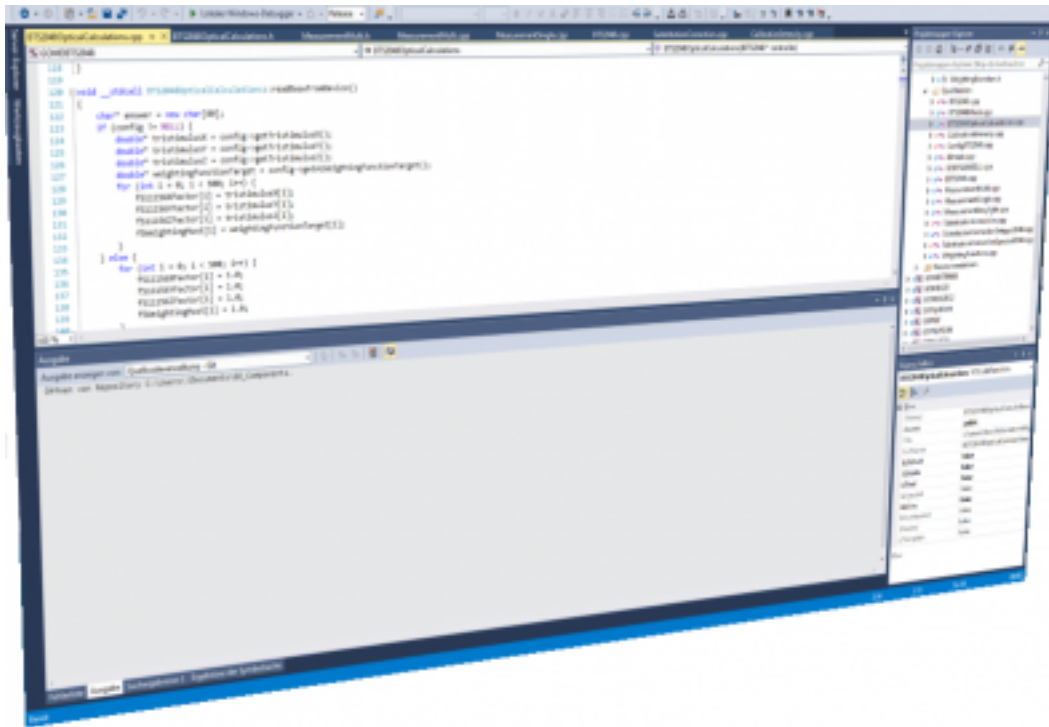


# S-SDK-BTS256

<https://www.gigahertz-optik.de/en-us/product/S-SDK-BTS256>

Product tags:



## Description

### Software Development Kit

Gigahertz-Optik offers programmers the S-SDK-BTS256 Software Development Tool. The SDKs simplify integration of the BTS256 and its variants in own software.

The SDK can be used with C/C++, LabView from National Instruments and .NET from Microsoft. Beside the .dll's and LabView VI's a comprehensive documentation is delivered.

The programmer is able to controll all functions of the device like: measurement routines, complexe evaluations, re-calibrations, etc.

## Specifications









### General






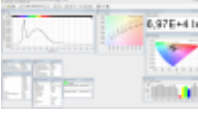
#### System requirements

- Minimum HDD space: 10MB (only files)
- Operating System: Windows XP, Windows 7 32-bit, Windows 7 64-bit, Windows 10 32-bit, Windows 10 64-bit
- communication: USB-port

## Configurable with

| Produktname   | Product Image   | Description   | Show product  |
|---------------|---|---|---|
| BTS256-LED    |  | <p>Compact Bi-Tec measurement device for the measurement of total luminous flux of single LEDs.</p> <p>Features: Cone-shaped measurement port with implemented integrating sphere, auxiliary lamp for substitution correction, spectral radiant power, color temperature, CRI, chromaticity coordinates, etc.</p> | <a href="https://www.gigahertz-optik.de/en-us/product/BTS256-LED">https://www.gigahertz-optik.de/en-us/product/BTS256-LED</a>       |
| BTS256-LED-DA |  | <p>Compact Bi-Tec measurement device for the measurement of illuminance and luminous flux.</p> <p>Features: Bajonett adapter with diffusor for the BTS256-LED, +/- 30° cosine corrected field of view, spectral radiant power, color temperature, CRI, chromaticity coordinates, etc.</p>                         | <a href="https://www.gigahertz-optik.de/en-us/product/BTS256-LED-DA">https://www.gigahertz-optik.de/en-us/product/BTS256-LED-DA</a> |
| BTS256-LED-IB |  | <p>Compact Bi-Tec measurement device for the measurement of ILED-B.</p> <p>Features: Bajonett adapter with ILED-B geometry according CIE 127, spectral data, color temperature, CRI, chromaticity coordinates, etc.</p>   | <a href="https://www.gigahertz-optik.de/en-us/product/BTS256-LED-IB">https://www.gigahertz-optik.de/en-us/product/BTS256-LED-IB</a> |

| Produktname                 | Product Image   | Description   | Show product  |
|-----------------------------|---|---|---|
| ISD-21-BTS256-LED           |    | <p>System for the luminous flux and light color measurement of individual <math>2\pi</math> light emitting diodes up to 63.5mm.</p> <p>Features: Integrating sphere with 21 cm diameter and auxiliary lamp, compact spectral light meter with Bi-Tec sensor for accurate measurement of the luminous flux, spectral radiant power, CCT, CRI, chromaticity coordinates, etc.</p>   | <a href="https://www.gigahertz-optik.de/en-us/product/BTS256-LED-ISD-21">https://www.gigahertz-optik.de/en-us/product/BTS256-LED-ISD-21</a>                     |
| ISD-50-BTS256-LED           |    | <p>System for the luminous flux and light color measurement of individual <math>2\pi</math> light emitting diodes up to 100mm.</p> <p>Features: Integrating sphere with 50cm diameter and auxiliary lamp, compact spectral light meter with Bi-Tec sensor for accurate measurement of the luminous flux, spectral radiant power, CCT, CRI, chromaticity coordinates, etc.</p>   | <a href="https://www.gigahertz-optik.de/en-us/product/BTS256-LED-ISD-50-V01">https://www.gigahertz-optik.de/en-us/product/BTS256-LED-ISD-50-V01</a>             |
| ISD-50HF-BTS256-LED         |    | <p>System for the luminous flux measurement of <math>4\pi</math> (optional <math>2\pi</math> and <math>4\pi</math>) light fixtures inside a sphere.</p> <p>Features: Integrating sphere with 50cm hemispherical shell for opening and closing and auxiliary lamps. Light meter with Bi-Technology sensor for accurate measurement of luminous flux, spectral radiant power, CCT, CRI, chromaticity coordinates, etc.</p>                  | <a href="https://www.gigahertz-optik.de/en-us/product/ISD-50HF-BTS256-LED">https://www.gigahertz-optik.de/en-us/product/ISD-50HF-BTS256-LED</a>                 |
| ISD-100HF-BTS256-LED        |   | <p>System for the luminous flux measurement of <math>2\pi</math> and <math>4\pi</math> light fixtures inside a sphere.</p> <p>Features: Integrating sphere with a 1000 mm diameter, hemispherical shell for opening and closing, auxiliary lamp. Light meter for accurate measurement of luminous flux, spectral radiant power, CCT, CRI, chromaticity coordinates, User software, etc. Options: quadripole test sockets.</p>             | <a href="https://www.gigahertz-optik.de/en-us/product/BTS256-LED-ISD-100HF-V01">https://www.gigahertz-optik.de/en-us/product/BTS256-LED-ISD-100HF-V01</a>       |
| ISD-100HF-V02-BTS256-LED    |  | <p>System for the luminous flux measurement of <math>2\pi</math> and <math>4\pi</math> light fixtures inside a sphere.</p> <p>Features: Integrating sphere with a 1000 mm diameter, extra measurement ports for <math>2\pi</math> luminaires with diameters of up to 254mm and auxiliary lamp. Light meter for accurate measurement of luminous flux, spectral radiant power, CCT, CRI, chromaticity coordinates, User software, etc.</p> | <a href="https://www.gigahertz-optik.de/en-us/product/BTS256-LED-ISD-100HF-V02">https://www.gigahertz-optik.de/en-us/product/BTS256-LED-ISD-100HF-V02</a>       |
| GB-GD-360-RB40-2-BTS256-LED |  | <p>Goniometersystem for the luminous flux and light color measurement of individual <math>2\pi</math> light emitting diodes with an adjustable measurement distance up to 2000mm.</p> <p>Features: Goniometer, compact spectral light meter with Bi-Tec sensor for accurate measurement of the luminous flux, spectral radiant power, CCT, CRI, chromaticity coordinates, IES, EULUMDAT, etc.</p>   | <a href="https://www.gigahertz-optik.de/en-us/product/BTS256-LED-GB-GD-360-RB40-2">https://www.gigahertz-optik.de/en-us/product/BTS256-LED-GB-GD-360-RB40-2</a> |
| BTS256-E                    |  | <p>Mobile meter for the measurement of illuminance and light color.</p> <p>Features: Mobile meter, datalogger, splash-proof, spectral irradiance, photopic, scotopic and melanopic illuminance, spectral irradiance, CCT, CRI, color coordinates, Option: WiFi, etc.</p>  | <a href="https://www.gigahertz-optik.de/en-us/product/BTS256-E">https://www.gigahertz-optik.de/en-us/product/BTS256-E</a>                                       |
| BTS256-E WiFi               |  | <p>Mobile meter for the measurement of illuminance and light color.</p> <p>Features: WiFi, Mobile meter, datalogger, splash-proof, spectral irradiance, phot. and scot. illuminance, spectral irradiance, CCT, CRI, color coordinates, etc.</p>   | <a href="https://www.gigahertz-optik.de/en-us/product/BTS256-E-WiFi">https://www.gigahertz-optik.de/en-us/product/BTS256-E-WiFi</a>                             |

| Produktname     | Product Image   | Description  | Show product  |
|-----------------|---|--|---|
| BTS256-EF       |    | Mobile meter for the measurement of illuminance, light color and flicker measurement.<br><br>Features: Mobile meter, datalogger, splash-proof, Flicker measurement, spectral irradiance, photopic, scotopic and melanopic illuminance, spectral irradiance, PAR, CCT, CRI, color coordinates, Option: WiFi, etc.   | <a href="https://www.gigahertz-optik.de/en-us/product/BTS256-EF">https://www.gigahertz-optik.de/en-us/product/BTS256-EF</a>             |
| BTS256-EF WiFi  |    | Mobile meter for the measurement of illuminance, light color and flicker measurement.<br><br>Features: WiFi, Mobile meter, datalogger, splash-proof, Flicker measurement, spectral irradiance, phot. and scot. illuminance, spectral irradiance, CCT, CRI, color coordinates, etc.   | <a href="https://www.gigahertz-optik.de/en-us/product/BTS256-EF-WiFi">https://www.gigahertz-optik.de/en-us/product/BTS256-EF-WiFi</a>   |
| BTS256-PAR      |    | Mobile meter for the measurement of the photosynthetically active PAR irradiance.<br><br>Features: Mobile meter, datalogger, splash-proof, measurement PAR, actinic spectra by the user, additional measurements: phot. and scot. illuminance, spectral irradiance, CCT, CRI, color coordinates, option: WiFi, etc.  | <a href="https://www.gigahertz-optik.de/en-us/product/BTS256-PAR">https://www.gigahertz-optik.de/en-us/product/BTS256-PAR</a>           |
| BTS256-PAR WiFi |    | Mobile meter for the measurement of the photosynthetically active PAR irradiance.<br><br>Features: WiFi, mobile meter, datalogger, splash-proof, measurement of photosynthetically active PAR irradiance, further actinic spectra can be defined by the user, additional measurements: phot. and scot. illuminance, spectral irradiance, color temperature, CRI, color coordinates, etc. | <a href="https://www.gigahertz-optik.de/en-us/product/BTS256-PAR-WiFi">https://www.gigahertz-optik.de/en-us/product/BTS256-PAR-WiFi</a> |
| BTS256-HI       |  | Compact Bi-Tec measurement device for the measurement of dental polymerization lamps and cold light sources.<br><br>Features: Measurement window with implemented integrating sphere, spectral radiant power, color temperature, CRI, chromaticity coordinates, etc.   | <a href="https://www.gigahertz-optik.de/en-us/product/BTS256-HI">https://www.gigahertz-optik.de/en-us/product/BTS256-HI</a>             |
| S-BTS2048       |  | Application software for BTS2048 variants.   | <a href="https://www.gigahertz-optik.de/en-us/product/S-BTS2048">https://www.gigahertz-optik.de/en-us/product/S-BTS2048</a>             |

## Purchasing information

| Article-Nr     | Modell       | Description   |
|----------------|--------------|---|
| <b>Product</b> |              |   |
| 15298218       | S-SDK-BTS256 | Software Development Kit for the implementation of the BTS256 or variants into custom made software |