TicSA-420G

The TicSA-420G provides diffused portable THz illumination with unprecedented power up to 20mW in a compact and hand-held form factor.

Rating: Not Rated Yet
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Description

The TicSA-420G operates at 420GHz and can deliver up to 20mW of radiated power. The 64-pixel (8x8) source array module is reconfigurable via its touch screen and provides adjustable terahertz illumination properties. The low power consumption from a single 5V supply makes it ideal for mobile terahertz applications in combination with the TicCAM-1.1kpix camera. The source can be mounted on a post or to a custom adapter plate to a 60 mm cage using an optional kit (not included). Connectivity to the broadband terahertz compact camera (TicCAM-1.1kpix) is achieved through a chopper link cable (TicLink-1m).

Technical specification

- Array: 8x8 pixel
- Frequency: 420GHz incoherent
- Radiated Power: up to 20mW
- Capacitive touch screen
- Lens: HRFZ-Si (other lenses available per request)
- Illumination pattern reconfigurable
- Build in self-test video readout
- Modulation input (chopper), TTL compatible
- Embedded software including external CLI command-line control and monitor software for Windows or Linux PCs
- Dimension 54mm x 54mm x 60mm

Specifications are subject to change without prior notice.

Reviews

There are yet no reviews for this product.