ImageIR® 7300
High-end Thermography Camera

Europe’s leading specialist for infrared sensors and measurement technology

- Cooled FPA photon detector with (640 × 512) IR pixels
- Frame rate up to 1,200 Hz, GigE Vision compatible
- Snapshot detector, internal trigger interface
- Extremely short integration times in the microsecond range
- Pixel size up to 2 μm
- Thermal resolution better than 0.02 K

1) ImageIR® 7300
2) Software IRBIS® 3
3) Circuit board

www.InfraTec.eu
www.InfraTec-infrared.com
Those, who are looking for a powerful thermographic camera to solve fundamental measurement and testing tasks in the fields of industry and science, that offers an impressive geometrical resolution will find the ImageIR® 7300 a perfect match. Its cooled focal-plane array photon detector provides (640 × 512) IR pixels and a pitch of 15 µm at a constant active detector area. Users, who are testing very small structures on large-scale measurement objects, benefit from substantial plus in terms of efficiency compared to smaller detector formats. In addition, you can choose between MCT and InSb detectors.

The camera supports recording and storing images and sequences with frequencies up to 1,200 Hz. An internal trigger interface guarantees for precise, repeatable triggering of correspondingly fast processes. Two respective inputs and outputs are used to control the camera or to generate digital control signals for external devices. Depending on the character of the measurement and testing situation due to its modular design, most diverse thermographic software and high-quality lenses the ImageIR® 7300 is quite easy to adapt to the on-site conditions.