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**SWIR cameras FLIR A6261 and A6262 for R&D and Machine Vision**

*A6260 FLIR SWIR cameras for laser beam profiling, silicon wafer inspection and special applications such as thermal imaging through glass and layers of paint*

*Frankfurt, 6.11.2019 –* Frankfurt, November 6, 2019 - Technology and market leader for thermal imaging FLIR Systems has two very special cooled near-infrared cameras in its product range: The FLIR A6261 SWIR camera offers superior sensitivity and dynamic range paired with the flexibility of customized windowing and integration times. This InGaAs camera is very linear in the 0.9 to 1.7 µm sensing waveband, making it the perfect tool for high temperature thermal measurements and applications that require measuring through standard glass. The A6261 offers control over settings such as integration time, while allowing you to synchronize and trigger to external events and devices. The sensor includes three user selectable gain states offering a 75x gain factor, making it an exceptionally flexible tool for imaging bright objects (laser beam profiling), low light scenes (nightglow imaging) and verification of silicon wafers. Its sensor offers a 75x gain factor.

The FLIR A6262 features a spectral range of 0.6-1.7 μm, which not only includes the infrared short-wave spectrum (SWIR) but has been extended to the visual range at 600 nm. Using a proprietary VisGaAs detector, that provides extended spectral coverage down into the visible range, enables the FLIR A6262sc to uniquely make measurements through glass. The FLIR A6262sc can also be used for thermal imaging through layers of paint, the outer layer of fruit or directly study body tissues non-invasively through blood.

**Features:**

• InGaAs or VisGaAs detector: wavelength range 0.9-1.7 μm or 0.6-1.7 μm

• Image quality 640x512 pixels resolution at 125 fps in full screen mode

• First-class sensitivity and linearity right down to zero light

• Synchronization with other instruments

• Compatible with GigE Vision and GeniCam

• Evaluation via FLIR-ResearchIR-Max or third party software like MATLAB

• Optional temperature calibration

Link: <https://www.flir.com/products/a6260>

Weitere Bilder und weitere FLIR-Presseinformationen mit Bildern aus dem Bereich F&E: <http://www.ablwerbung.de/presse-flir-r&d.html>

**Bei Bedarf an Bildmaterial, Fachartikeln etc. hilft Ihnen unsere Presseagentur für D, CH & A:** ABL Werbung Frank Liebelt, Kellerskopfweg 13, 65931 Frankfurt, Tel.: 069/501717, Fax: 069/501767, E-Mail: frankliebelt@ablwerbung.de

Gerne stellen wir Ihnen auch FLIR-Anwendungs-Fachartikel aus dem Bereich F&E zur Verfügung. Sie finden die Artikel zur Ansicht hier: <http://www.flirmedia.com/flir-instruments/r-d/application-stories.html> sowie hier: <http://www.flirmedia.com/flir-instruments/r-d/technical-notes.html>

**Informationen über FLIR-Infrarotkameras sowie Prüf- und Messinstrumente:**

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***About FLIR Systems, Inc.***

*Founded in 1978, FLIR Systems is a world-leading industrial technology company focused on intelligent sensing solutions for defense, industrial, and commercial applications. FLIR Systems’ vision is to be “The World’s Sixth Sense, creating technologies to help professionals make more informed decisions that save lives and livelihoods. For more information, please visit* [*www.flir.com*](https://www.flir.com/) *and follow* [*@flir.*](https://twitter.com/flir?ref_src=twsrc%5Egoogle%7Ctwcamp%5Eserp%7Ctwgr%5Eauthor)