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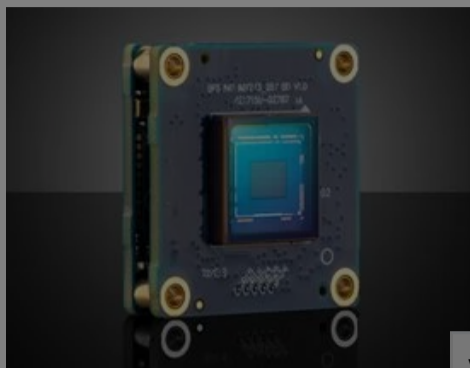
FPC To Micro B

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Stock #28-672 **5 In Stock**

1

€18⁰⁰

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Teledyne FLIR IIS Blackfly® S USB 3.1 Board Level Cameras - Front



Volume Pricing

Qty	€18,00
1+	each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

- Start Up Guide:pdf
- STEP:step
- User Manual:pdf
- Software

General

Model Number: ACC-02-7000

Manufacturer: FLIR

Hardware & Interface Connectivity

Connector: TF38 compatible outline

Regulatory Compliance

RoHS 2015: **Compliant**

Certificate of Conformance: [View](#)

Reach 240: **Compliant**

Product Details

- USB3 Vision and GenICam Compliant
- Ultra-Compact, 29 x 29 x 10mm, Board Level Cameras
- Supports the Trigger-to-Image Reliability (T2IR) Framework
- **Fully Housed Versions** Available



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Teledyne FLIR IIS Blackfly S: Advanced Machine Vision Cameras with powerful features

Capture the images you need from advanced sensors in enclosed or board-level configurations

The **Blackfly® S** is a versatile and compact machine vision camera series that leverages the industry's most advanced area scan sensors in an ultra-compact form factor. It combines powerful features that easily produce the exact images required, accelerating application development. Combining both automatic and precise manual controls over image capture and on-camera pre-processing. With options ranging from high-speed performance, high-resolution images, polarization, or low-light sensitivity, the Blackfly® S series of cameras can deliver the required results.

With the selection of camera variations all sharing the same form factor, it makes it easy to develop once, deploy anywhere. On camera features include IEEE1588 clock synchronization and full compatibility with popular third-party software supporting either GigE Vision or USB3 Vision interfaces. The Blackfly® S is available in GigE, USB3, cased, and board-level versions.

Note: Board level cameras with exposed electronics are intended for system integration and may not be suitable for end users. USB3 cable and Lens Mounts sold separately. **FLIR's Spinnaker software development kit (SDK)** is available for free download. FPC cable and adapter are required for USB3 connectivity and sold separately.

Blackfly® S Board level [USB3 or GigE]

- Board level models enable OEMs to develop smaller, lighter, and lower cost solutions with embedded system connectivity and rich features. Ready for integration with proven compatibility with popular SBCs and SOMs.

Features

- Ultra-compact form factor (29mm x 29mm)
- Leverage the latest CMOS sensors and new image processing algorithms
- Harness increased binning flexibility, power efficiency, and low light performance
- Improve cycle time using advanced camera control and image processing
- Utilize sequencer, chunk data, event notification
- Choice of CMOS global shutter, polarization
- Data interface options: GigE, USB3
- Color transformation tools for true-to-life color
- Advanced auto-algorithms or precise manual control over image capture and on-camera pre-processing
- On-camera features such as IEEE1588 clock synchronization, lossless compression, and deep learning inference
- Compatible with third-party software and hardware
- Support for a wide range of operating systems and host system architectures
- Rich sample code and descriptive API logging
- Simplified product iteration with consistent form factor across sensor sizes
- Camera control via FlyCapture SDK or 3rd-party USB3 Vision software

Applications

- Intelligent Transportation Systems
- Factory automation
- Bar code reading
- 3D scanning
- Life science instrumentation
- Biometrics kiosk solutions
- Ophthalmoscopy
- Automated optical inspection
- Food & Beverage industry

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Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
MORE+	FPC Cable for Board Level Blackfly S, 15cm		#28-655	€25,00 Request Quote	8 In Stock <input type="text" value="1"/>
MORE+	FPC Cable for Board Level Blackfly S, 30cm		#28-656	€35,00 Request Quote	5 In Stock <input type="text" value="1"/>
MORE+	FPC Cable for Board Level Blackfly S, 30mm		#28-657	€12,00 Request Quote	12 In Stock <input type="text" value="1"/>
MORE+	GPIO Cable with 6-pin JST Connector, 0.3m		#28-661	€10,00 Request Quote	2 In Stock <input type="text" value="1"/>
MORE+	Cast Metal S-Mount (M12) Lens Holder		#28-662	€44,00 Request Quote	1 In Stock <input type="text" value="1"/>
MORE+	Cast Metal S-Mount (M12) Lens Holder with IR Filter		#28-663	€32,00 Request Quote	1 In Stock <input type="text" value="1"/>
MORE+	S-Mount Front for Blackfly S Board Level Cameras		#28-664	€44,00 Request Quote	1 In Stock <input type="text" value="1"/>
MORE+	S-Mount Front & IR Filter for Blackfly S Board Level Cameras		#28-665	€94,00 Request Quote	1 In Stock <input type="text" value="1"/>
MORE+	C-Mount Front for Blackfly S Board Level Cameras		#28-666	€96,00 Request Quote	1 In Stock <input type="text" value="1"/>

	Title	Compare	Stock Number	Price	Buy
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MORE+	CS-Mount Front for Blackfly S Board Level Cameras				2 In Stock <input type="text" value="1"/>
MORE+	CS-Mount Front & IR Filter for Blackfly S Board Level Cameras		#28-669	€131,00 Request Quote	1 In Stock <input type="text" value="1"/>
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MORE+	FPC to RJ45 POE GigE Adapter		#28-674	€48,00 Request Quote	1 In Stock <input type="text" value="1"/>
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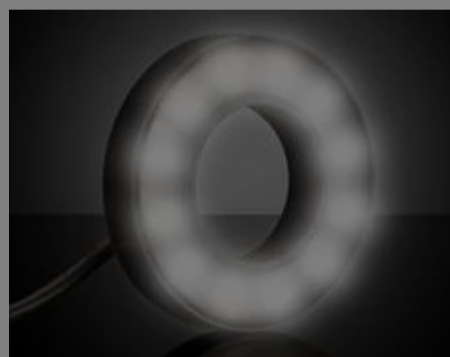
Related Products



Teledyne FLIR IIS Blackfly S USB 3.1 Cameras



M12 Lenses (S-Mount Lenses)



Machine Vision Lighting



Corning® Varioptic® AF Explorer Autofocus Board Level Camera for Liquid Lenses

Frequently Purchased Together



#45-505 - 25.0mm Dia. x 30.0mm
FL, VIS-NIR Coated, Plano-
Convex Lens
€56,00

Qty



€35,50

Qty



Linear Polarizer
€175,00

Qty



#43-784 - 12.5mm Diameter
Unmounted, Linear Glass
Polarizing Filter
€47,75

Qty

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APPLICATION NOTE

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Electronics 101:
Camera
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