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ACC-01-0019 Forge Tripod Adapter

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Teledyne FLIR IIS Forge 5GigE Camera - Front

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Product Details

- Constructed on an All-New Platform
- Offers Burst Mode to Capture Images at Speeds up to 10Gb/s into Memory
- Designed to Simplify OEM Integration with Features Including PoE, Strong Thermal Management and Opto-Isolated Triggering

Teledyne FLIR IIS Forge® 5GigE: The Machine Vision Camera That Fits Anywhere

A 5 Megapixel camera delivering high resolution images at 5GigE speed

The **FLIR IIS Forge® 5GigE** is designed for industrial imaging applications that require high-speed data capture and transfer such as Food, Beverage, Battery, Electronics inspection, and more. Based on the Sony Pregius S Backside Illuminated (BSI) sensors this camera can detect microscopic scratches on various materials due to its higher sensitivity in the UV spectrum.
These models support advanced features such as:

- Burst Mode: Achieves 59% faster capture rate at 207 FPS when compared to other 5GigE cameras on the market.
- Lens Shading Correction: Improves entire image uniformity with lenses at a higher F-Stop (removing vignetting).

The **FLIR/IIS Forge® 5GigE** features an all-new platform, it is designed to offer the richest combination of on-camera pre-processing features, leverage the industry's most advanced sensors, and support the Trigger-to-Image Reliability (T2IR) framework contributing to robust system designs. Designed to simplify OEM integration with features including PoE, strong thermal management and opto-isolated triggering for streamlined peripherals & easier camera control. Forge® supports both Teledyne Spinnaker and Sapera SDKs and GigE Vision compliant software packages.

Features

- Data interface options: 5 GigE, 2.5 GigE, 1 GigE
- 5 Megapixel, 12 Megapixel, 16 Megapixel or 24.5 Megapixel CMOS sensor options
- Color or monochrome models
- 500 MB image buffer for controlled data transfer
- 6-pin GPIO connector
- 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

Applications

- Factory automation
- Biometrics kiosk solutions
- Bar code reading
- Container inspection
- 3D scanning
- Automated optical inspection

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