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## Teledyne FLIR IIS Forge® 5GigE See More by [Teledyne FLIR](#)



- 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  
Authorized  
Distributor

Common Specifications

|               |      |                |       |
|---------------|------|----------------|-------|
| General       |      |                |       |
| Manufacturer: | FLIR | Camera Family: | Forge |

|                                  |     |          |      |
|----------------------------------|-----|----------|------|
| Physical & Mechanical Properties |     |          |      |
| Weight (g):                      | 132 | Housing: | Full |

|                          |                  |                           |                       |
|--------------------------|------------------|---------------------------|-----------------------|
| Sensor                   |                  |                           |                       |
| Image Buffer:            | 500 MB           | Type of Sensor:           | Progressive Scan CMOS |
| Type of Shutter:         | Global           | Camera Sensor Format:     | 1/1.8"                |
| Resolution (MegaPixels): | 5.00             | Pixels (H x V):           | 2,448 x 2,048         |
| Pixel Size, H x V (µm):  | 2.74 x 2.74      | Sensing Area, H x V (mm): | 6.71 x 5.61           |
| Frame Rate (fps):        | 122.00           | Pixel Depth:              | 8/10/12 bit           |
| Machine Vision Standard: | GigE Vision v2.0 |                           |                       |

|                                   |  |                      |   |
|-----------------------------------|--|----------------------|---|
| Hardware & Interface Connectivity |  |                      |   |
| Video Output:                     | 5 GigE PoE   |                      |   |
| Connector:                        | 5GigE, RJ45 with Screw Locks   | Power Supply:        | Power Supply Required and Sold Separately:<br>USA: <a href="#">#88-063</a><br>Europe: <a href="#">#88-063</a><br>Japan: <a href="#">#88-063</a><br>Korea: Not Available<br>China: <a href="#">#88-063</a> |
| GPIOs:                            | 1 opto-isolated input, 1 opto-isolated output, 1 non-isolated bi-directional, 1 non-isolated input | Synchronization:     | Hardware Trigger (GPIO) or Software Trigger   |
| Interface Port Orientation:       | Back Panel   | GPIO Connector Type: | 6-pin Hirose (HR10)   |

|                      |         |
|----------------------|---------|
| Threading & Mounting |         |
| Mount:               | C-Mount |

|                                    |            |
|------------------------------------|------------|
| Environmental & Durability Factors |            |
| Storage Temperature (°C):          | -30 to +60 |

**Technical Information**

Products

| Type  | Model Number   | Camera Sensor Format | Resolution (MegaPixels) | Connector                    | Mount   | Stock Number            | Price     | Buy        |
|---|----------------|----------------------|-------------------------|------------------------------|---------|-------------------------|-----------|------------|
| Color Camera  | FG-P5G-50S4C-C | 1/1.8"               | 5.00                    | 5GigE, RJ45 with Screw Locks | C-Mount | <a href="#">#28-643</a> | €1.250,00 | In Stock   |
| Monochrome Camera   | FG-P5G-50S4M-C | 1/1.8"               | 5.00                    | 5GigE, RJ45 with Screw Locks | C-Mount | <a href="#">#28-644</a> | €1.250,00 | In Stock   |
| <a href="#">#74-639 New</a>   |                |                      |                         |                              |         |                         |           |            |
| <div><div><div>x</div></div><div>New</div><div>Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!</div></div> |                |                      |                         |                              |         |                         |           |            |
| Monochrome Camera   | FG-P5G-51S4M-C | 1/1.8"               | 5.00                    | 5GigE, RJ45 with Screw Locks | C-Mount |                         | €1.650,00 | Contact Us |