

# IR lens, f=5 mm\_80° (T300805)

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[flir.com/products/t300805\\_ir-lens-f4.7mm-deg-80](https://flir.com/products/t300805_ir-lens-f4.7mm-deg-80)



The FLIR 80-degree lens provides an unmatched wide field-of-view, giving you the ability to inspect large targets and in tight spaces. This lens is compatible with FLIR Exx, T5xx, T8xx, Axxx-Series Smart Sensor, Axxx-Series Imaging Streaming, and A500f/A700f Advanced Smart Sensor thermal cameras.

If you are adding this lens to your existing FLIR thermal camera, your camera will need to be shipped to the nearest FLIR service center for calibration.

## Specifications

### Imaging & Optical

#### **Field of view (FOV)**

80° × 63°

#### **f-number**

1.3, 80°

**Focal Length**

5 mm (0.19 in)

**Lens Identification**

Automatic

**Minimum Focus Distance**

0.1 m (3.9 in)

**Spatial resolution (IFOV)**

Dependent on the IR resolution of the camera: 320 × 240 pixels: 5.2mrad/pixel 464 × 348 pixels: 3.6 mrad/pixel 640 × 480 pixels: 2.6 mrad/pixel