

# GigE Cameras

Scalable Display Technologies supports two different models of gigabit ethernet cameras and lenses for automatic alignment. The GigE cameras are compact and discrete, perfect for meeting environments or simulation systems. Small, lightweight, capable and scalable. Contact us to order yours today.



The GigE cameras are one of the most successful area-scan cameras in their class – small, powerful, cost effective and entirely network based. Scalable customers gain increased flexibility, benefiting from a PoE connection that can support extremely long cable runs. In addition to being smaller and faster to calibrate than traditional cameras, Scalable’s full suite of features are now available using the GigE cameras - including color & intensity calibration. Scalable continues to update the make and models of compatible GigE cameras to ensure the latest sensors and best available optics on the market.

## GigE Camera with Wide Angle Lens Basler acA4024-8gc / Edmunds 3.5mm C series - 89-410

A fixed focal length lens designed for use in machine vision applications. These high-performance lenses feature large maximum apertures and a broadband anti-reflection coating. Manufactured to high tolerances, which result in high levels of performance with low lens-to-lens variation. These lenses combine optical performance, compact form factor and a ruggedized, robust housing.

**Usable Field Of View:** 94° x 70°

**Resolution:** 12.2MP

**Dimensions:** 2in x 2in x 4in (approx.)

**Weight:** 200g approx

## GigE Camera with Fisheye Lens Basler acA5472-5gc / Fujinon FE185C086HA -1

This fisheye lens supports a resolution of up to 5 megapixels. Its 2.7mm focal length translates into fisheye viewing angle, making it an ideal solution for applications needing to take in a broad view of an area. To keep up with the unique demands of a megapixel camera, this lens incorporates the latest in optics technology, with the result that images delivered with a high degree of brightness, sharpness, and color fidelity.

**Usable Field Of View:** up to 160°

**Resolution:** 5MP

**Dimensions:** 2.25in x 2.25in x 4.5in (approx.)

**Weight:** 250g approx.

### Additional camera requirements (not included)

In order to set up your display with the GigE camera you will also need:

- For systems with 1 or 2 cameras you will need one PoE injector per camera\*
- Gigabit Ethernet PoE Switch for systems with 2+ cameras\*
- Gigabit Ethernet Connection - CAT6 cabling recommended for fastest communication
- Articulated camera arms & ball-head mounts - The mount adapter included with the camera is compatible with standard camera mounts of 1/4" threads. We recommend using articulated camera arms and ball-head mounts that are flexible, allowing for multiple positions and aims, but strong to maintain those positions over time.



(\* ) Contact Scalable for specific camera and lens model recommendations. Camera and lenses specifications subject to change.