

## DATA SHEET

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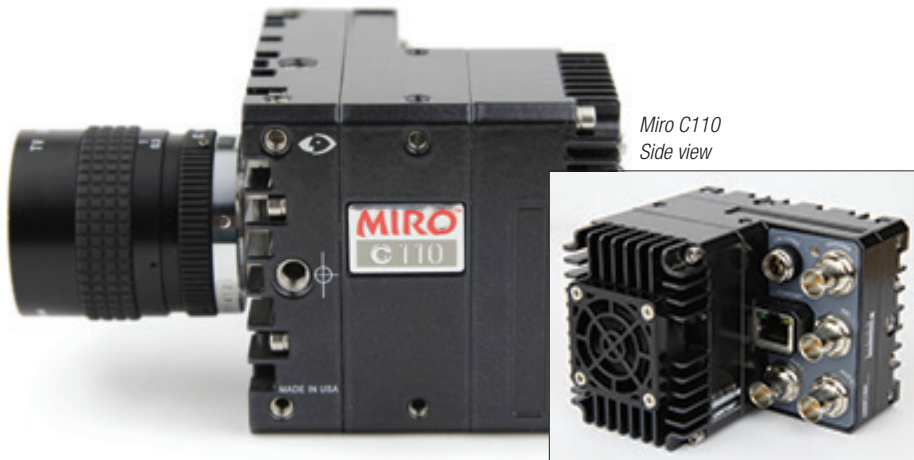
# Phantom® Miro® C110

The Cost Effective and Easy to Use camera, perfect for many applications

### Key Features:

- 12-bit 1.3 Megapixel CMOS sensor
- 915 fps @ 1280 x 1024  
1295 fps at 1280 x 720
- Available in Monochrome or Color
- ISO Mono 5,000 (T), 2,500 (D)\*  
Color 640 (T)\*, 640 (D)\*, adjustable
- Compact and sturdy
- Standard BNC and Ethernet connections
- Reversible mount for C & CS lenses
- 8GB of RAM included
- Easy-to-use signals:
  - Trigger
  - AUX 1:
    - FSYNC
    - Strobe
    - Event
    - Memgate
  - AUX 2:
    - Strobe
    - Ready

\* Measured according to ISO 122326:2006 method



Miro C110  
Side view

Miro C110 Rear view of connectors

### Key Benefits:

#### When it's too fast to see, and too important not to®

The **Phantom Miro C110** is the **perfect go-to camera** for many applications that benefit from high quality, high speed analysis. Its ideal mix of **speed, image quality and ease of use** makes it one of the most flexible analytical tools in the lab.

- 915 frames per second (fps) at full 1.3 Mpx resolution, 1295 fps @ 1280 x 720, and up to 52,445 fps at smaller resolutions
- Sturdy and small, easy to connect and use, with common BNC and Ethernet connectors
- Phantom quality image and features, in a cost effective camera

The smart companion for a **wide range of applications** such as industrial trouble-shooting, mechanical analysis and motion analysis, the Miro C110 is **easy to work with**. Its sturdy, small body connects to signaling with common BNC cables, and uses a standard Ethernet cable for camera control and data downloading. Its accessible Trigger BNC and two AUX BNC's make it easily controlled in any situation.

### Specifications

The Miro C110 has a 1.3 Mpx CMOS sensor with 5.6 µm pixels and 12-bit pixel depth. It has 1.2 Gpx throughput, providing 915 fps at full resolution of 1280 x 1024, with very low noise to capture critical details. To help **eliminate motion blur**, the minimum exposure time is 5 µs. The minimum frame rate at all resolutions is 100 fps.

The image sensor format is 2/3", and takes advantage of a large selection of C and CS lenses. Available in either Color or Monochrome, **it makes the most out of available light**, with light sensitivity ISO ratings measured according to ISO 122326:2006 method:

	D (Daylight)	T (Tungsten)
Monochrome	2500	5000
Color	640	640

