Miro C110
Side view

Miro C110 Rear view of connectors

Phantom®
Miro® C110

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

Key Features:

12-bit 1.3 Mpx CMOS Sensor

915 fps @ 1280 x 1024
1295 fps at 1280 x 720

Available in Monochrome or Color

Common BNC and Ethernet Connectors

1" C-Mount
(2/3" lenses recommended)

8 GB or 16 GB RAM

Easy-to-use signals:
    Trigger
    AUX 1:
        FSYNC
        Strobe
        Event
        Memgate
    AUX 2:
        Strobe
        Ready

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 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 connections
- 👁 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 standard Ethernet connection, Trigger BNC and two AUX BNC's make it easily controlled in any situation.

Complete with Easy-to-Use Phantom Features

The Miro C110 has 8GB or 16GB of memory, for up to 9 seconds of record time at maximum frame rate and resolution, and longer at reduced rates and resolutions. It uses powerful Phantom Camera Control (PCC) software. PCC makes it easy to capture an event and adjust image characteristics like color and brightness. Then save the Cine in its raw format, or convert it to **popular formats such as AVI, JPEG or TIFF**, to easily email the analysis.

AMETEK®
MATERIALS ANALYSIS DIVISION

DATA SHEET

Phantom® Miro® C110

Additional Features:

Size and Weight:
  1.2 lb, 0.54 kg

  2.9 x 3.65 x 3.25 inches
  73 x 93 x 82.5 mm (H x W x D)
Operating Temperature: 0º C to 50º C
Power: 16-32 VDC, 13 W

Camera Specifications		
Sensor Resolution	1280 x 1024	**Special Features:**
Pixel Size	5.6 µm	
Sensor Size	7.17 x 5.73mm (9.18 mm diagonal)	
Bit Depth	12-bit	HD-SDI
Max fps at Max Res	915 fps	Memory Partitioning
Max fps at Min Res	52,445 fps	Image Based Auto-trigger
CAR	128 x 8	Continuous Recording
Minimum fps	50 fps	IRIG In / Out
Minimum Exposure	5 µs	PIV Capability
ISO	Mono: 2,500D Color: 640D	Exposure Index
Adjustable E.I.	Mono: 2,500 - 12,500 Color: 640 - 3,200	Quiet Fans

Maximum Frame Rates			
Resolution	FPS	Resolution	FPS
1280 x 1080	915	384 x 288	3,180
1280 x 720	1,295	256 x 256	3,565
768 x 768	1,215	128 x 128	6,870
640 x 480	1,935	128 x 8	52,445
512 x 512	1,815		

*Phantom
Miro C110*

Vision Research Global Support - for wherever you are

Miro C-Series High-Speed Cameras are supported by Vision Research's Global Service and Support network around the globe. Maximize the value of your Phantom Miro C110 by learning more at www.phantomhighspeed.com/Service--Support/

Focused

Since 1950, Vision Research has been designing, and manufacturing high-speed cameras. Our single focus is to invent, build, and support the most advanced cameras possible.

VISION
RESEARCH

AMETEK®
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