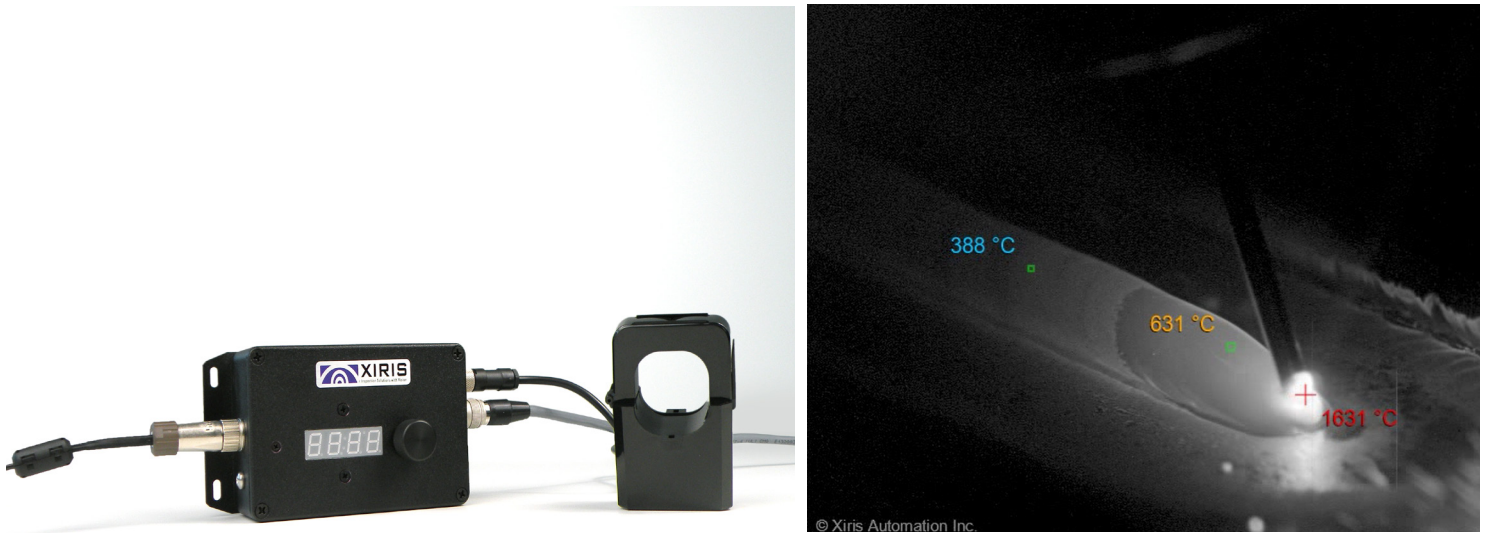


Better Images. Better Decisions. Better Process Control.

The **Xiris Camera Trigger Kit** is used to generate a trigger signal to synchronize image capture from any welding power supply and to minimize “flashing” due to changes in arc brightness that are common in most GMAW welding processes.

With stable image capture, operators can better monitor the process and improve real-time measurements of the welding process, including temperature measurements, melt pool dimensions, seam location and wire position.



Key Benefits

- The Standard Camera Trigger Kit includes a current sensor clamp that can be easily and safely attached to the welding power supply ground conductor with no direct connection between the welding current and the camera trigger signal. This is beneficial for GMAW (MIG/MAG) using Non-Synergic, Pulsed and Synergic welding.
- The Camera Trigger provides both Power and a Trigger signal to any Xiris Weld Camera, XIR1800, XVC1000/1100 and XVC1000e/1100e, simplifying the cabling and installation.
- Trigger controller provides easy adjustment with a single threshold adjustment dial, making it easy to fine-tune as needed.
- The Optional Voltage Sensor offers the ability to generate a more precise trigger signal specifically useful for Cold Metal Transfer (CMT) waveforms to achieve more reliable temperature measurements with the XIR-1800 camera and WAAM applications using Aluminum alloys.

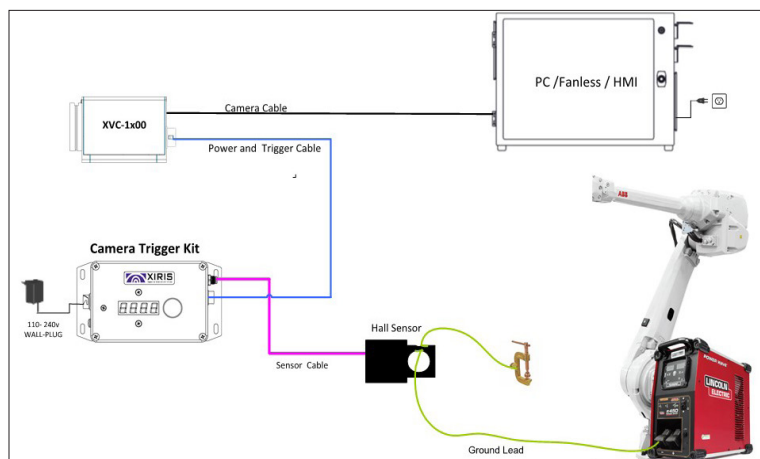
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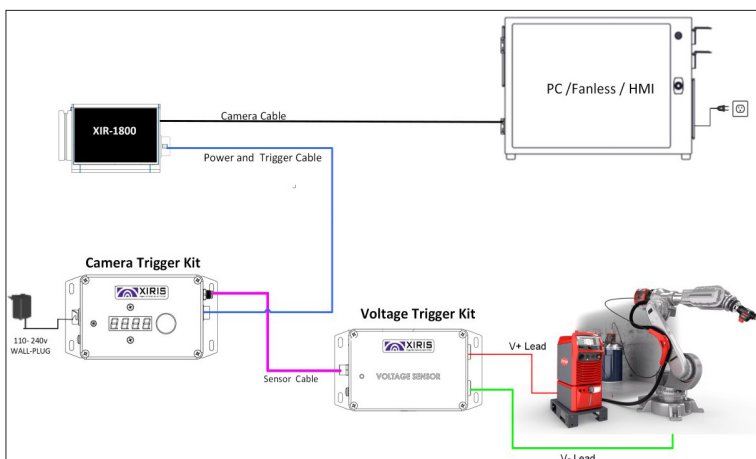
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System Configurations



Standard Camera Trigger Kit



Camera Trigger Kit with Voltage Sensor Option

Specifications:

Trigger Controller Dimensions (mm)	116 x 77 x 38 mm 116 x 77 x 38 Voltage Sensor *	Compatible Xiris Cameras	XIR1800 XVC1000 /XVC1100 XVC1000e /XVC1100e XVC700/XVC710/ XVC750 (with trigger)
Detection Current Range	40 -400 Amps	Max Wire Diameter	1.6 mm
Max Cable Diameter	32 mm	Voltage Range*	-50 to + 50 Volts
Xiris Software	WeldStudio™ WeldSDK™	Sensor Cable Length	2,5 meters
Cameras per Camera Trigger Kit	1	Camera Power and Trigger Cable	5, 10, 20 meters
Power Supply	110-240V, via Wall plug adapter	Compliance	RoHs, FCC, CE (pending)

Please contact a Xiris Sales representative for more information.



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