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ArcCapture™

Weld Camera Systems

Training Solutions

QUICK SPECS

Applications
Schools and training centers
Manufacturing
Automation

Processes
MIG (GMAW)
Flux-cored (FCAW)
Stick (SMAW)
TIG (GTAW)

Resolution
1920 x 1080
(Full HD color)

Focus Type
Fixed

Operating Temperature
14–140° F
(-10–60° C)

Net Weight
Varies by model (see page 3)

Define. Display. Connect.

Deliver next-level training with our high-definition ArcCapture weld camera systems designed for modern welding programs — project live demos, observe welds remotely, and give welders a front-row seat to every weld.

ArcCapture weld camera with Wi-Fi

ArcCapture weld camera

Optimize Instructor Efficiency

Real-Time Weld Visibility

Reduces Rework

Portable and Easy-to-Install

Comes complete with:

- ArcCapture weld camera
- Converter
- Power supply cords
- 12 mm lens
- Lens cover
- 16.4 ft. (5 m) SDI cable
- 3.2 ft. (1 m) USB cable

TRUE BLUE® 1 YR. WARRANTY

System is warrantied for one year, parts and labor.

Miller®

Miller Electric Mfg. LLC
An ITW Welding Company
1635 West Spencer Street
P.O. Box 1079
Appleton, WI 54912-1079 USA

Equipment Sales US and Canada
Phone: 866-931-9730
International Phone: 920-735-4554

MillerWelds.com

Certified System ISO 9001 Quality

ArcCapture™ Weld Camera Systems Features

Multi-device streaming to view and manage live weld footage from a variety of devices — including smartphones, tablets, and computers — for flexible access in any environment.

High-definition capture (1920 x 1080 resolution) for clear recording of the welding arc for real-time observation.

Wi-Fi connectivity to easily connect to phone or tablet via Wi-Fi or to large screens for group viewing or training.

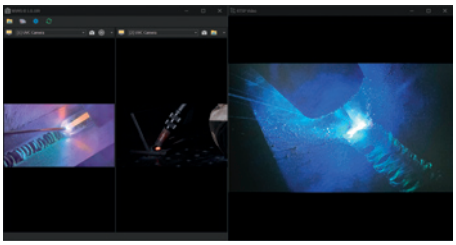
Flexible field of view with interchangeable 8 mm, 12 mm, or 16 mm lenses to best suit your training environment.

Portable and easy-to-install with a lightweight, compact design and quick, simple setup.

No extra lighting required as arc light is the only light source to deliver sharp, high-definition video.

Reduces rework and material waste through better visibility and timely feedback.

ArcCapture™ Weld Camera Systems Software



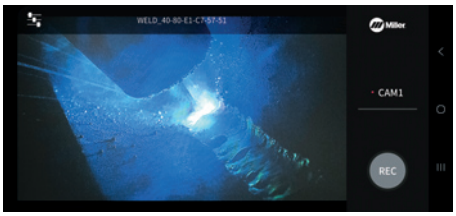
Desktop App — WVMS

- Use either ArcCapture weld camera with the desktop app — individually or simultaneously
- Connect either ArcCapture weld camera via cable for real-time viewing, recording, and saving footage to your device OR connect via Wi-Fi for real-time viewing.
- Make modifications in app to camera settings
  - Sensitivity
  - Brightness
  - Add or remove grid lines
  - Flip and mirror footage
- Simultaneously connect up to three weld cameras via cable(s) and Wi-Fi

MULTI-DEVICE CONNECTION CHART

	ArcCapture weld camera	ArcCapture weld camera with Wi-Fi	Two ArcCapture weld cameras with Wi-Fi
ArcCapture weld camera	Cable Cable	Cable Wi-Fi*	Cable Cable Wi-Fi*
Two ArcCapture weld cameras		Cable Cable Wi-Fi*	
ArcCapture weld camera with Wi-Fi	Cable Cable	Cable Wi-Fi*	Cable Cable Wi-Fi*

**Weld camera cannot record or save footage when connected via Wi-Fi to a desktop. This function is only available when the camera is connected to a desktop via cable.*



Mobile App — Miller® ArcCapture Camera App

(For use with ArcCapture weld camera with Wi-Fi only.)

- Wirelessly connect the ArcCapture weld camera with Wi-Fi to a phone, tablet, computer, or mobile device
- Record and save footage to mobile device
- Make modifications in app to camera settings
  - Sensitivity
  - Brightness
  - Add or remove grid lines
  - Flip and mirror footage

Specifications (Subject to change without notice.)

RESOLUTION	FOCUS TYPE	SHUTTER TYPE	DIMENSIONS (CAMERA ONLY)		NET WEIGHT (CAMERA ONLY)	
1920 x 1080 (Full HD color)	Fixed	Electronic rolling	**ArcCapture™** H: 1.57 in. (40 mm) W: 1.18 in. (30 mm) D: 4.09 in. (104 mm)	**ArcCapture™ with Wi-Fi** H: 2.28 in. (58 mm) W: 2.01 in. (51 mm) D: 3.27 in. (83 mm)	**ArcCapture™** 0.34 lb. (0.15 kg)	**ArcCapture™ with Wi-Fi** 0.6 lb. (0.27 kg)

LENS MOUNT	FILTER	DYNAMIC RANGE	VIDEO OUTPUT	EXTERNAL TERMINAL	WIRELESS	OPERATING TEMPERATURE	POWER CONSUMPTION	POWER SUPPLY
M12	UV + IR cut	140 + dB	HD-SDI	50 SMA connector/power control: 4-pin round screw connector	Wi-Fi 802/.11 ax (ArcCapture with Wi-Fi only)	14–140° F (-10–60° C)	Max. 3 W	9 V 1A adapter

Genuine Miller® Accessories and Replacement Components

ArcCapture™ Mounting Arm 299643
Enables camera to clamp onto a table, torch, etc. with 360-degree ball joints for flexibility and adaptability for various views and uses.

Travel Case 299634
Enables secure transport of both cameras with necessary accessories.

Camera Extension Cord 299792
33 ft. (10 m). 110-volt cord extends camera power supply cord.

Coaxial Extension Cables
299640 9.8 ft. (3 m)
299641 16.4 ft. (5 m)
299642 22.9 ft. (7 m)
Optional cables to extend SDI cable connection to converter box.

Converter 299629

Converter Power Supply Cord 299630

Camera Power Supply Cord 299635

Lenses
299638 8 mm
299637 12 mm (equipped on cameras)
299639 16 mm

Lens Covers (5-pack)
299783 For ArcCapture camera
299632 For ArcCapture weld camera with Wi-Fi

Lens Cover O-Rings (5-pack)
299784 For ArcCapture weld camera
299633 For ArcCapture weld camera with Wi-Fi

Lens Cover Mountings
299793 For ArcCapture camera
299794 For ArcCapture weld camera with Wi-Fi

SDI Cable 299636
16.4 ft. (5 m) cable connects camera to converter box.

USB Cable 299631
3.2 ft. (1 m) cable connects computer to converter box.

UART Cable 299795
12.5 ft. (3.8 m) cable connects computer to ArcCapture weld camera. NOT for use with ArcCapture weld camera with Wi-Fi.

Ordering Information

EQUIPMENT	STOCK NO.	DESCRIPTION	QTY.	PRICE
ArcCapture™ Weld Camera System	**907916**	See front page for system components		
ArcCapture™ Weld Camera with Wi-Fi System	**907917**	See front page for system components		
Accessories				
ArcCapture™ Mounting Arm	**299643**			
Travel Case	**299634**			
Camera Extension Cord	**299792**	33 ft. (10 m) 110-volt cord		
Coaxial Extension Cables	**299640** **299641** **299642**	9.8 ft. (3 m) 16.4 ft (5 m) 22.9 ft (7 m)		
Replacement Components				
Converter Package	**299628**	Includes converter and converter power supply cord		
Converter	**299629**			
Converter Power Supply Cord	**299630**			
Camera Power Supply Cord	**299635**			
Lenses	**299638** **299637** **299639**	8 mm 12 mm (equipped on cameras) 16 mm		
Lens Covers (5-pack)	**299783** **299632**	For ArcCapture weld camera For ArcCapture weld camera with Wi-Fi		
Lens Cover O-Rings (5-pack)	**299784** **299633**	For ArcCapture weld camera For ArcCapture weld camera with Wi-Fi		
Lens Cover Mountings	**299793** **299794**	For ArcCapture weld camera For ArcCapture weld camera with Wi-Fi		
SDI Cable	**299636**	16.4 ft. (5 m) cable connects camera to converter box		
USB Cable	**299631**	3.2 ft. (1 m) cable connects computer to converter box		
UART Cable	**299795**	12.5 ft. (3.8 m) cable connects computer to ArcCapture weld camera. NOT for use with ArcCapture weld camera with Wi-Fi		

DATE: TOTAL QUOTED PRICE:

Distributed by:

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