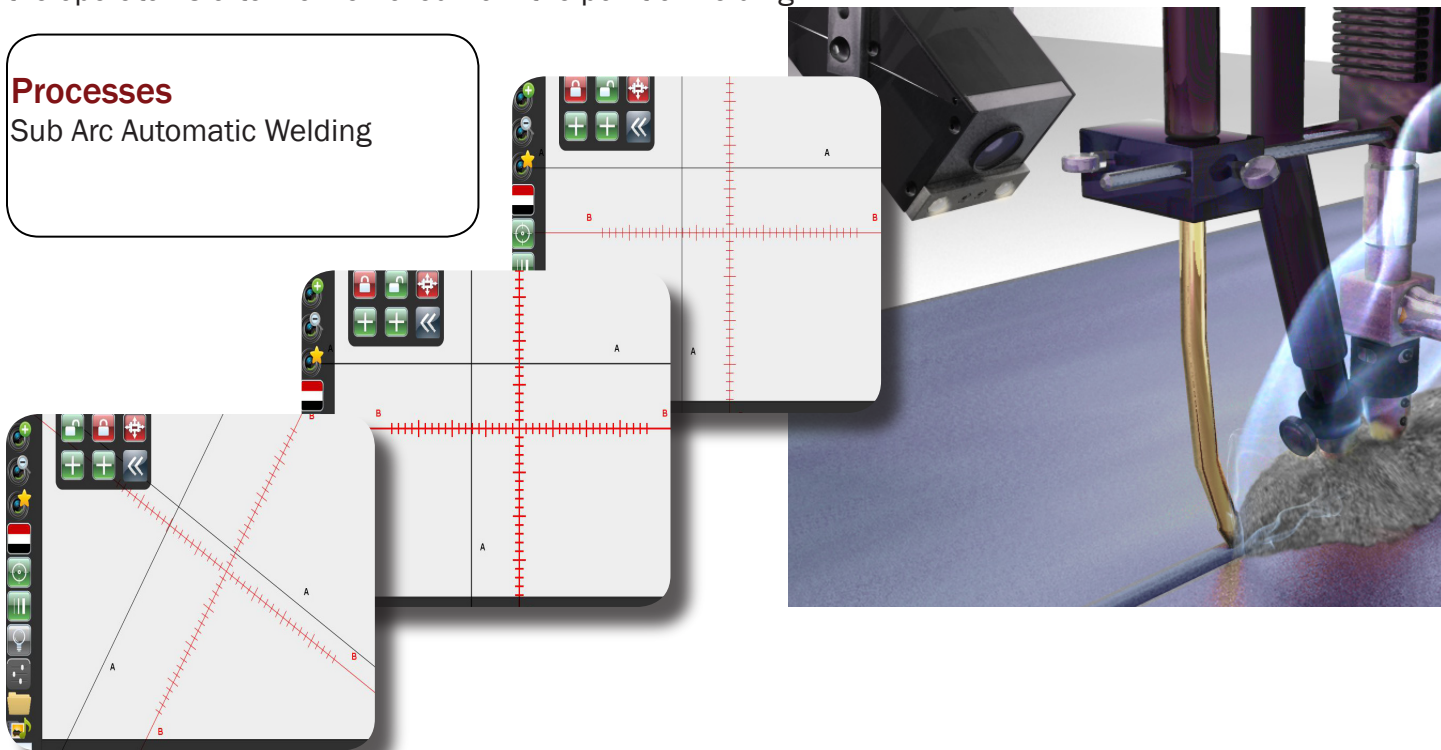


OPEN ARC WELD VIEWING CAMERA SYSTEM

This camera system extends the operator's view of the weld zone by providing real time display of the welding area. Setup, remote guidance, inspection, process control and operator health and safety are prime reasons for cameras in welding automation. In particular consideration for sub arc welding, when the operator is often far removed from the point of welding.

Processes

Sub Arc Automatic Welding



With recognized benefits such as:

- Real time views of the weld and process which provides opportunities for immediate operator adjustments.
- Real time verification of torch position, wire feed, stick out, orientation
- Reduced time required for pre-weld setup
- Productivity improvements by a reduction in operator starts and stops.
- Operator training

The **iCAM-WSA** system has the added benefit of:

- Options for lens control
- The ability to see detail in the entire scene
- Capture and record digital images and video



FEATURES:

- Solid state PC driven system, panel mounted
- High definition video, no flicker
- Integrated Cross Hairs with feature rich functions
 - single or dual mode
 - change color, thickness, rotation
 - save 7 configurations for most common settings
 - turn hash marks on/off independently
 - rotate or move single line or as a pair
- Digital camera adjustment control
- Integrated LED for area illumination
- Save images to file



SPECIFICATIONS:

Technology	CMOS Active Pixel
Controller	1024 x 768), touch screen operation, solid state, fanless
Camera resolution	768 x 574
Color Format	monochrome or color selectable
LED lamps	2 LED illumination sources
Camera settings	brightness, color, white balance, gain, gamma
Exposure settings	Manual or DCAI
Sensitivity	0.1 Lux
Cross Hair	single or dual lines, fully adjustable
Operating Temp.	-10C - +60C (without cooling - air inlet integrated)
Power	DC 12V (8-18v) ~ 700mA
Cable Lengths	10m - 30m
Iris Control	Manual, DCAI input
Filter Set	protective lens, IR integrated
Lens	option of zoom lens or varifocal manual
Dimensions	55mm x 55mm x 140mm
weight	250 g



Contact us today to learn more about this system or to discuss your specific requirements.

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