

WELDING CAMERA SYSTEM

Features:

- Compact camera head (42 x 40 x 90mm)
- 1/3" standard definition 960H CMOS sensor
- PAL output
- 25mm lens as standard
- Focus adjust by screw on back of the camera
- Single LCD Scene Filter controls brightness
- Built in water cooling for camera head
- Replaceable protective glass for camera optics
- Camera - CCU cable length up to 50 metres
 - suitable for drag chain systems
- Sensor triggers scene filter to adjust brightness
- Free standing control panel

Specification:

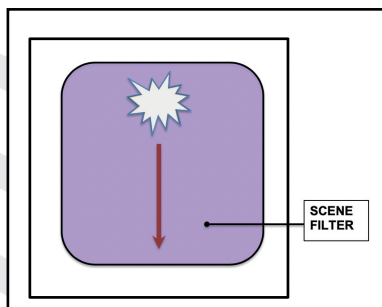
Power Requirements	12 V DC, 220 mA
Power Supply	100 - 240 V AC
Image Sensor	1/3" Sony 960 H CCD Colour
Active Pixels	976 x 582
Total Pixels	1956 x 1266
Lens	25mm 110° Horizontal Angle of view Contact us for other lens options
Brightness Control	Adjustable LCD filter controlled by potentiometer on control panel
Resolution	800 TV lines standard
Scanning System	625 lines 1/50 second
Gain	Fixed at 6 dB
WDR	150dB
White Balance	ATW: Auto Tracing White
Video Output	PAL 752 x 582 (from control panel) Composite Y/C 1.0V p-p 75Ω
Camera - CCU cable	Up to 50 metres in 5m steps Contact SeeSense with your requirement
Camera Adjust	LCD filter by CCU, Focus by thumbscrew
Dimensions	Camera Head: 40 (W) x 42 (H) x 90mm (D) CCU: 100 (W) x 40 (H) x 60mm (D)
Weight	Camera Head: approximately 200 grammes
Operating Temp.	0°C to +50°C
Humidity	85% RH



In semi-automatic or automatic welding systems the operation and control of the welding head often occurs at a remote control station. Optimal positioning and adjustment of the welding process therefore requires a visual inspection.

The WVS-40 **Analogue** Welding Camera System uses a fixed lens and LCD filter to deliver a sharp **colour picture** allowing optimal viewing of the welding head, workpiece and welding arc **before, during and after the welding process.**

The camera's LCD scene filter is activated by a sensor and can be adjusted by a potentiometer on the CCU to **help the user maintain image quality.**



A ring light provides illumination during camera set up and a water cooling pipe system in the camera helps protect it from heat. The remote control unit can be installed up to 50 metres away. A standard definition PAL video signal is output from the camera control unit (CCU).

WVS-40 is an ideal camera for column & boom welding and many other welding applications where a compact camera is required.

Please contact SeeSense for further details and our other welding camera equipment

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