

## ***MECAWELD WELDING VISION CAMERA***

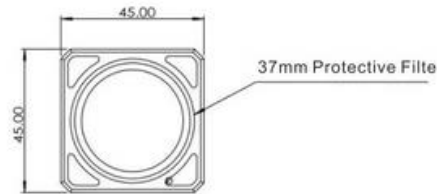
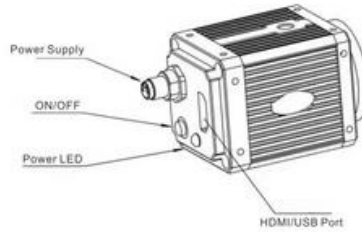
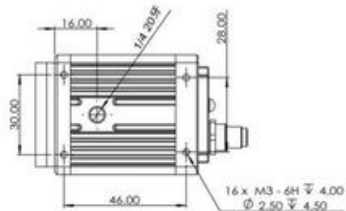
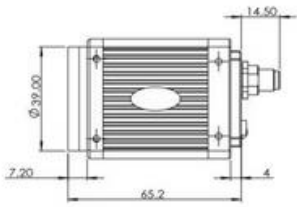
Welding is an important manufacturing process where ensuring welding quality and consistency is crucial. The Mecaweld welding vision camera is an advanced tool specifically designed for monitoring and controlling the welding process.

### **Features of M2-130H(B&W)**

- Resolution of 1280x1024@60fps
- No need for a computer, directly connect the camera to a display screen.
- Plug-and-play functionality, ready to use.
- Uses fiber optic HDMI cables to avoid electromagnetic fields and high frequency interference.
- It can also be used with wireless image transmission and an optional battery power supply to avoid cable clutter, making it more convenient for robotic welding.
- Optional HDMI recorder for recording and playback of captured videos.



- Active visualization technology with built-in infrared light source, providing full-field high-definition images with uniform brightness.
- High-quality hardware and cutting-edge software algorithms that effectively bypass the arc.
- Capable of seeing through smoke and dust,
- One camera, one setting for all Application MMA/TIG/MIG/MAG/PAW/LBW/3D Printing, etc, in various materials such as carbon steel, stainless steel, aluminum alloy, etc.
- Built-in f25mm lens, and an interchangeable with f42mm lens, adjustable effective working distance of 160- 450mm.
- Optional water-cooling plate for continuous operation in high-temperature environments.
- Fiber optic data cables to avoid electromagnetic field sand high-frequency interference.
- Compact size
- Easy to operate



Model	M2-130H
Sensor Type	B&W 1/2 CMOS imager
Max Resolution	1280x1024
Frame Rate	60fps
Protocol	HDMI Output
Operation System/Software	No need for computer
Lens	F=25mm(Built-in) F=42mm(Interchangeable)
Working Distance	160-250mm(F25mm lens) 200-450mm(F42mm lens)
Working Temperature	-40°-85°C
Dimension	45x45x65.2mm

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