←INSIZE→

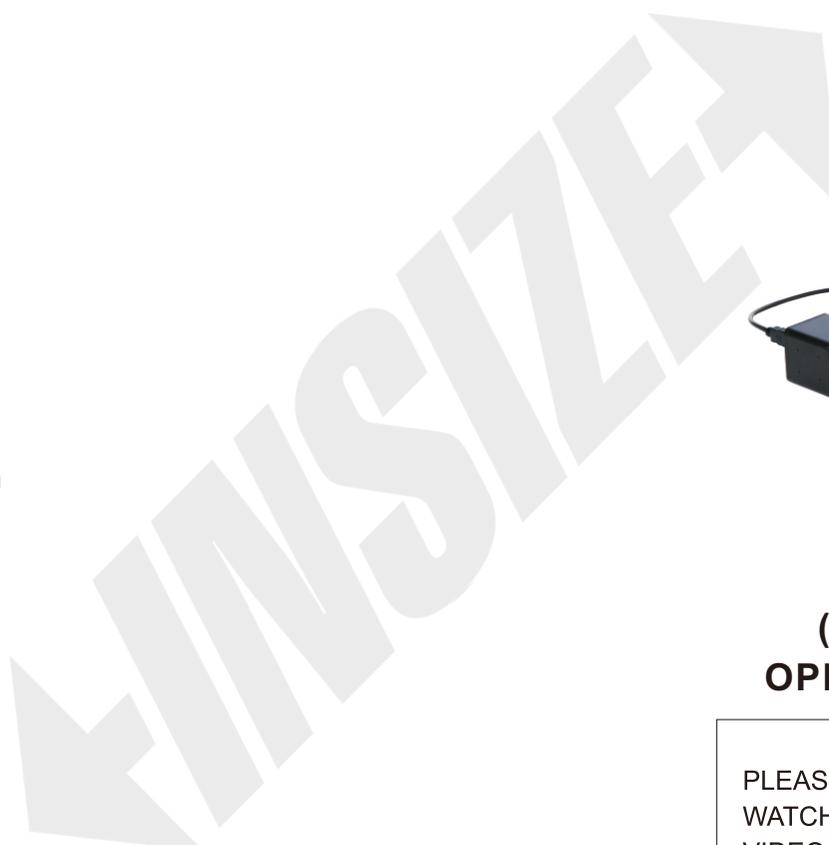**www.insize.com**

ISV-2CAM

CAMERA
(WITH DISPLAY)
OPERATION MANUAL

PLEASE SCAN QR CODE TO
WATCH THE OPERATION
VIDEO OF PRODUCTS.

VIDEO

V1

←INSIZE→

Attention

◆ The camera use only DC5V power supply;
  The display use only DC12V power supply.

◆ Before connecting power supply, please connect mouse to the camera.

◆ Under AF mode, the program will automatically adjust the focus to provide a clear image; Switching to "Click F" mode, it will lock the focus after the system performed auto focus on the required image; Even if the image is blurry, with focus being locked, it will not trigger auto focus again; When "MF" (Manual Focus) is set, the MF can be adjusted.

◆ If auto focus cannot operate under special circumstances (e.g. Smooth reflect surface). Move the focus frame to objects with details, change to "Click F" mode to perform one-off auto focus operation, or switch to "MF" mode for manual focus operation.

◆ After completing the capture/ video recording operation, wait for a moment before removing the TF card.

◆ When pressing "Capture" button to capture an image, the 🗙 icon will appear on screen and automatically saved to TF card in JPG format.

◆ When pressing "Video" button to start recording, **·Rec** will appear at the lower right hand corner of the camera screen. By pressing "Video" button again, video recording will be stopped and automatically saved to TF card with H.264 format.

◆ After completing the capture/ video recording operation, wait for a moment before removing the TF card.

◆ When saving the image/ video, the folder and files will be named according to date and time respectively.

◆ When correcting the lens back focus is required, select FBL (relocate sensor to back focus position), then adjust Mechanical Back Focus to obtain a clear image.
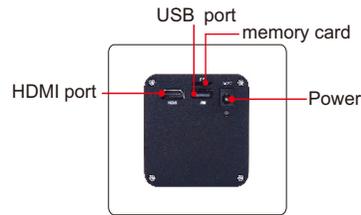
Structure

1 Name:

1. Camera unit;
2. Connector;
3. Mouse;
4. Stand;
5. High-definition screen: 13.3" LCD;

2 Camare:

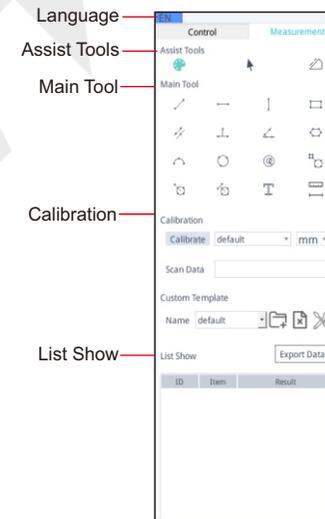USB port
memory card
HDMI port
Power

Camare Top

3 Software:

◆ When you select "manual focus", you can adjust the "focus position".
◆ When you contor "focus frame",can select the size of focus frame,set the location of focus frame and save settings.
◆ When selecting "auto exposure", the brightness can be adjusted. When you select "manual exposure", you can adjust the "gain".
◆ When you choose "manual white balance", you can adjust the "red green blue" color value.
◆ Inversion: image vertical flip; flip: image horizontal flip.
◆ 50/60HZ: anti screen flicker.
◆ Reset: restore the factory setting.

◆ Click the crosshair tool to select crosshair and display the number of crosshair aspect ratios.
◆ Click the crosshair tool, select the crosshair, and the image area displays the crosshair.
◆ Click the cross hairs tool and select Hide to hide the cross hairs and tick marks.
◆ Click the crosshair color tool to adjust the crosshair color.

Language
Assist Tools
Main Tool
Calibration
List Show

◆Click the upper left corner to enter the language selection mode and select the corresponding language.
◆After operating the measurement, the measurement mode automatically becomes selected, and the program automatically enter the measurement mode ,The focus mode and focus area can no longer be operated, You must click the measurement mode again with the left mouse button to operate the focus mode and focus area.
◆Click edge detection to realize automatic edge searching.
◆There are many measuring tools to choose from.
◆Click Calibration to select the calibration method.
◆Display the list show to view the measurement results.

Parameter

1 Specification：

Sensor	1/2.8" CMOS
Pixel	2M
Resolution	1920x1080
Frame	60fps
Output port	HDMI
Power supply	Power adapte
Dimension(LxWxH)	350x 100x 430
Weight	2kg

2 Standard delivery：

Main unit	1pc
Connector	1pc
13.3" LCD	1pc
8G memory card	1pc
Mouse	1pc
HDMI cable	1pc
Power adapter	2pc