# Installing a Flexi device

imetrum

Your System Controller is pre-installed with the device software for your optical module hardware (Flexi camera). If you need to re-install the device software, following a new release of Video Gauge™ for example, this guide explains the steps to carry out the installation.

## Step one – Connect your device installer USB

| | |
|---|---|
| 1.1 | The device USB flash drive is located inside the software installer case, which is included with your System (see image 1) |
| 1.2 | Connect the USB flash drive to the System Controller |



Image one – software installer case

## Step two – Run the installer

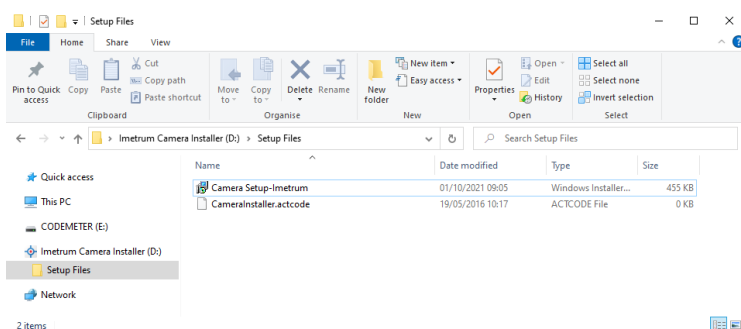| | |
|---|---|
| 2.1 | Navigate to the USB flash drive and locate the "Camera Setup.msi" file. This may be inside a folder called "Setup Files" (see image 2) |
| 2.2 | Double click this to run the installer and follow the on screen instructions |



Image two – Camera Setup.msi file

Measuring the Industrial World

## Step three – Add pixel size

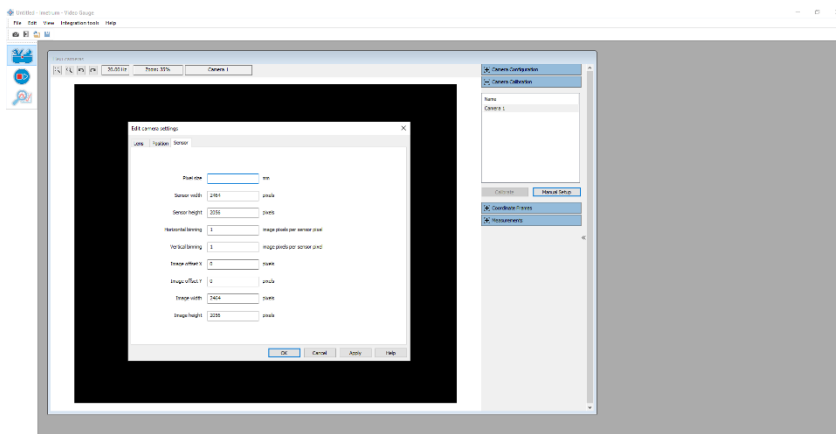| | |
|---|---|
| **3.1** | In Video Gauge™, please confirm there's no watermark displayed in the video output window.<br><br>In the Camera Configuration Tab, select the Manual Setup option, and configure the Pixel Size for the camera(s) being used with the system.<br><br>With the camera connected, open Video Gauge™, navigate to Camera Calibration -> Choose the camera e.g. Camera 1 -> Manual Setup -> Sensor -> Enter pixel size -> Click OK (see image three) |
| **3.2** | Enter the pixel size for your camera based on the table in image four (example of pixel size added in image five) |



Image three – Camera pixel size screen

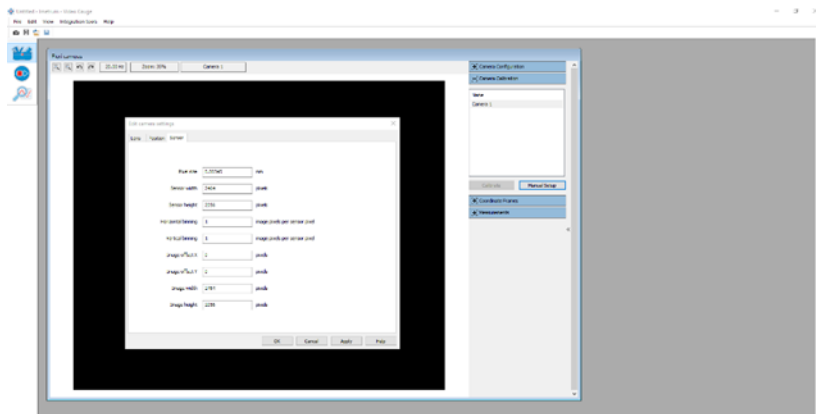| Camera | Pixel size in mm |
|---|---|
| IM-CAM-033 | 0.0069 |
| IM-CAM-034 | 0.00345 |
| IM-CAM-035 | 0.00345 |
| IM-CAM-036 | 0.00345 |
| IM-CAM-037 | 0.00586 |
| IM-CAM-038 | 0.00345 |
| IM-CAM-039 | 0.00345 |
| IM-CAM-040 | 0.00345 |
| IM-CAM-042 | 0.0048 |

Image four – Camera pixel size (mm)

Image five – Camera pixel size screen example

If you have any issues, please contact your usual representative for further assistance.