

# Macro-imager Installation Instructions v2.0

## 1. Software downloads:

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- Visit the Macro-imager website to download the software:
  - <https://www.macro-imager.com/downloads.html>
  - You will need four components:
    1. C++ redistributable 2017 (x86)
    2. Camera drivers - eBUS SDK either 32-bit or 64-bit depending on your operating system.
    3. Macro-imager software - this is a 32-bit application regardless of your operating system.
    4. XML Notepad - used for editing your SessionOptions.xml file.
- Once downloaded, you will need to “unzip” each element and save.

- **Do not plug the camera in until you have completed the software installation.**
- **All installation steps (and first software start) requires full IT admin rights.**

## 2. Software installation:

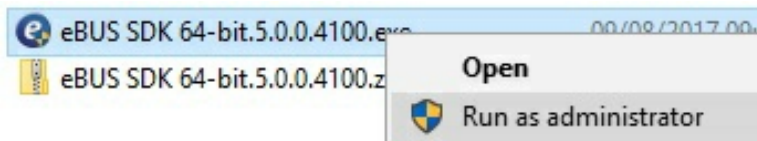
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### C++ redistributable 2017 (x86)

1. Install this Microsoft application first.

### eBUS camera drivers:

1. Right click the eBUS SDK and select “RUN AS ADMINISTRATOR”:



2. Click “NEXT”
3. Accept the license terms and click “NEXT”
4. Press “INSTALL”
5. We only need the USB3 Vision drivers - **un-tick** GIGE VISION if it is selected.



6. Let the installer run until you see the **InstallShield Wizard Completed** message then Click “FINISH”

### Macro-imager: MacroImagerInstaller

1. Open the MacroImagerInstaller\_v2 folder.
2. Double-click “MacroImagerInstaller” (**NOT SET-UP**).
3. Click “Next” 3 times and let the installer run.
4. When you get the **Installation Complete** message, click Close to finish.

### XML Notepad: Requires an Internet connection.

1. Double-click “XMLNotepad.msi”.
2. Click “Next”, accept the license terms, click “Next” twice, then INSTALL and finally FINISH.
3. It will open Windows Explorer when complete - feel free to close it.

## RESTART YOUR PC

Next page for further instructions...

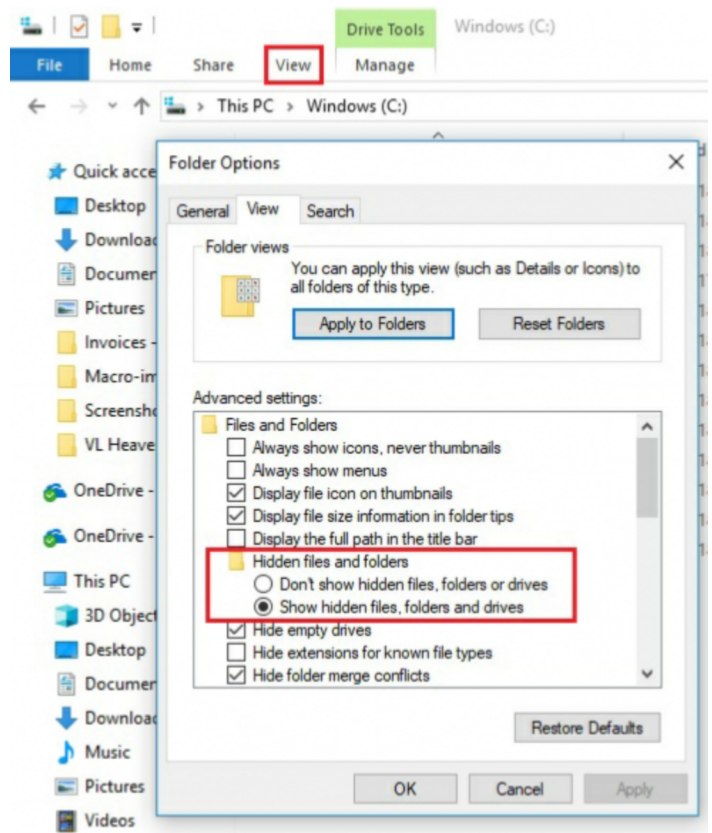
1. Plug in the camera (and power supply) - wait around 10 seconds for it to be “recognised”.
2. Double-click the new Macro-imager desktop icon to start - **this requires IT admin access.**
3. Close the software and set-up the folder permissions as follows:

**PLEASE NOTE - FOLDER ADMIN RIGHTS ARE REQUIRED AS FOLLOWS:**

1. On first start-up the Macro-imager software creates the folder: C:\ProgramData\Micropix which requires IT admin rights. This is where configuration and calibration files are stored.
2. All users require rights to this folder.
3. All users also require rights to the folder C:\Program Files (x86)\Micropix Ltd in order to edit the SessionOptions.xml file.

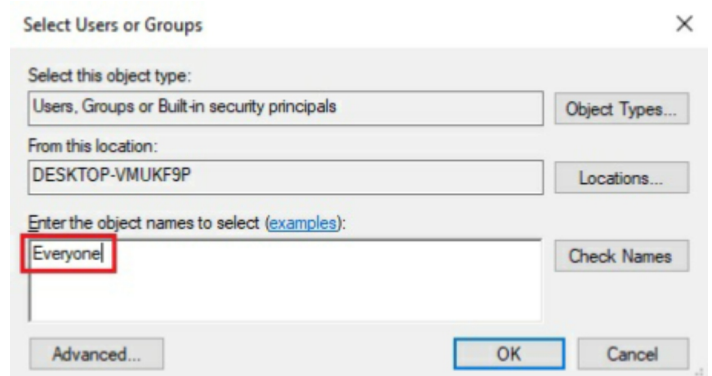
### 3. Setting folder permissions:

1. C:\ProgramData\Micropix is a “hidden folder” so you need to “unhide” it first.
2. In Windows 10 go to Windows Explorer and select the C:\ drive.
3. Go to “View”, “Options” and select the “View” Tab.
4. Select “Show hidden files, folders and drives”.
5. Click Apply then OK.



#### Set permissions:

1. Right click the C:\ProgramData\Micropix folder.
2. Go to “Properties” then the Security tab.
3. Click EDIT then ADD.
4. Type “Everyone” then click OK.
5. Tick the “Full control” box.
6. Apply then OK.



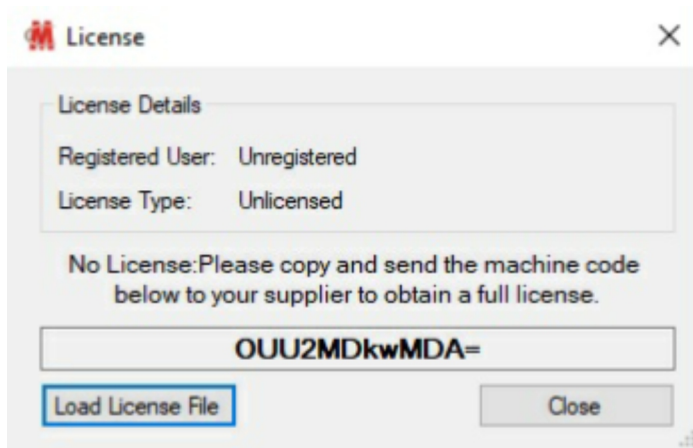
**Please repeat for the C:\Program Files (x86)\Micropix Ltd folder.**

Next page for further instructions...

### 3. Loading the license:

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1. Click the Macro-imager logo at the top left of the screen.
2. Click “Load license File”.
3. Navigate to your license (e.g. MicropixAnnotation.lic) and load it. We suggest saving your license file in the C:\Program Files (x86)\Micropix Ltd folder in case you need it in the future.



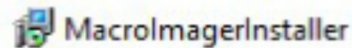
4. Close and restart the Macro-imager software to activate your license.

### 4. Desktop version:

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With the Annotation and Calibration optional software modules of Macro-imager you also receive free and unlimited desktop licenses. This allows users to annotate (and measure) images away from the system.

1. Again, please run C++ redistributable 2017 (x86) first.
2. Run “MacrolMagerInstaller” (**NOT SET-UP**).
3. **RESTART THE PC.**
4. Open the Macro-imager software and load the desktop license (click the Macro-imager at the top, left).
5. The only difference is that the desktop software does not search for a camera.
6. Press “Load Image” to open an image.
7. Images will be saved to the same location with \_antd added to the filename.



### 5. Upgrading the Macro-imager software:

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**Before you upgrade, please make sure you save your SessionOptions.xml file.**

**Go to C:\Program Files (x86)\Micropix Ltd\Macro-imager and save it somewhere else (e.g. the desktop).**

1. Uninstall the current version of Macro-imager (Control Panel - Uninstall a Program - select Macro-imager and uninstall it).
2. First install **Microsoft Visual C++ 2017 x86**.
3. Open the MacrolMagerInstaller\_v2 folder.
4. Run “MacrolMagerInstaller” (**NOT SET-UP**).
5. Click “Next” 3 times and let the installer run.
6. When you get the **Installation Complete** message, click Close to finish.
7. Copy your SessionOptions.xml file from the desktop (or wherever you saved it).
8. Navigate to C:\Program Files (x86)\Micropix Ltd\Macro-imager.
9. Paste into that folder - overwrite the existing SessionOptions.xml file (you can rename the existing file to SessionOptionsOLD.xml if you want to keep it as a template).
10. **RESTART THE PC.**

