

# Mobileye Installation Center

IC Installation & Configuration Instructions

# Table of Contents

<b>TABLE OF CONTENTS</b>	<b>2</b>
<b>1. SYSTEM &amp; NETWORK REQUIREMENTS</b>	<b>3</b>
1.1 OPERATION SYSTEM	3
1.2 NETWORK & INTERNET	3
<b>2. SOFTWARE DOWNLOAD</b>	<b>4</b>
<b>3. SOFTWARE INSTALLATION PROCEDURE</b>	<b>5</b>
<b>4. ETHERNET ADAPTER CONFIGURATION</b>	<b>7</b>
4.1 AUTOMATIC CONFIGURATION	7
4.2 MANUAL CONFIGURATION	11
<b>5. IC APPS</b>	<b>18</b>
<b>6. TROUBLESHOOTING</b>	<b>19</b>
6.1 IC VIDEO DELAY	19
6.2 CANNOT PASS SIGNAL TEST	19
6.3 WINDOWS DEFENDER	23
6.4 FIREWALL CONFIGURATION	23

# 1. System & Network Requirements

## 1.1 Operation System

Software	
Operation system	Windows 10/11 64bit (home/pro)

Hardware	
Processor	Core I5-8350U CPU
Memory	8 GB RAM (or more)
Hard drive	128 GB SSD (min free space of at least 10 GB)
LAN	Ethernet card 1Gb Intel chipset
USB port	USB 3 connection (external LAN to USB adapter may be required)
Screen resolution	Minimum 1360 x 768

## 1.2 Network & internet

The Mobileye Installation Center required Internet connection.  
The software based on https (SSL) with the 443 port.

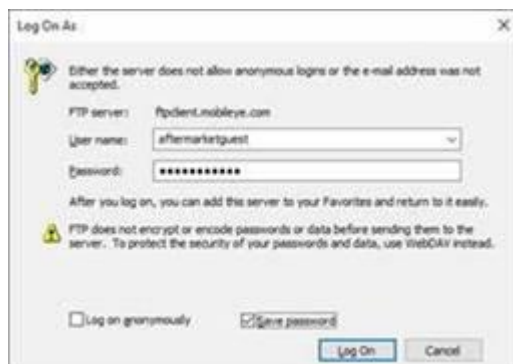
### NOTE

- ✓ Recommended to work with Lenovo T480 (product number 20L6S0CG09) which is the model used by Mobileye
- ✓ If LAN port is not available in your laptop, an Ethernet to USB adapter can be used (not included)

## 2. Software download

Mobileye 8 Connect series uses a dedicated application for configuration and calibration\*. This application is known as the **Installation Center Wizard**. The application installer is available in our FTP, to access our FTP please follow next steps:

1. Open the Windows File Explorer (open a folder).
2. Insert the following link in the address line and press Enter:  
<ftp://ftpcient.mobileye.com/>
3. Insert the following credentials in the Log On pop-up window and press "Log On":  
Username: **aftermarketguest**  
Password: **MEgu2018@rL**
4. For future access without the username and password, press "Save password"



5. FTP folders and files will be available

### NOTE➔

- ✓ To keep the most up to date version of the IC application, login with your login details to enable to automatic update. If an update is available, follow


## 3. Software installation procedure

### NOTE

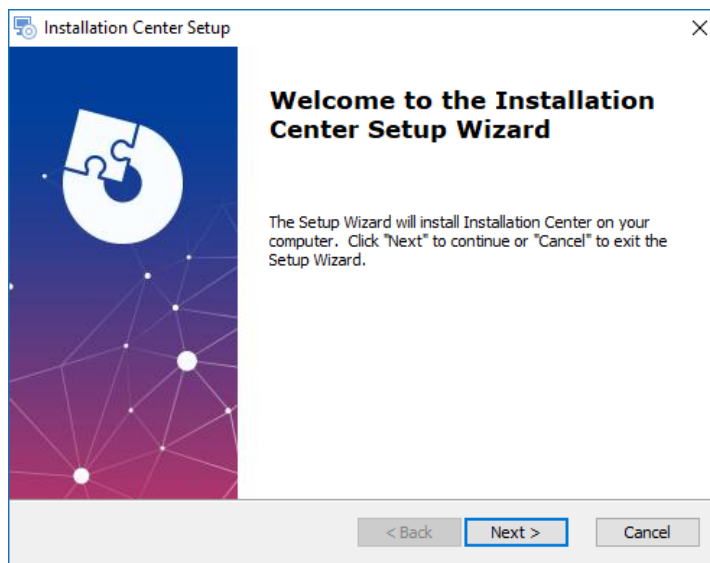
Please make sure you have Administrator Privileges before installing the Mobileye IC application.

If you do not have Administrator Privileges, please contact your IT department for further assistance.

Step 1 - Download the file "installationCenterSetup.exe" to your local system

Step 2 – Double click the icon  to start the installation and follow the onscreen instruction

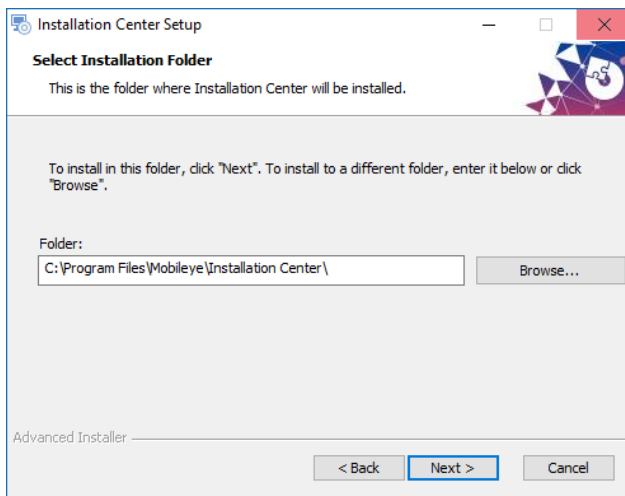
Click "Next" to continue



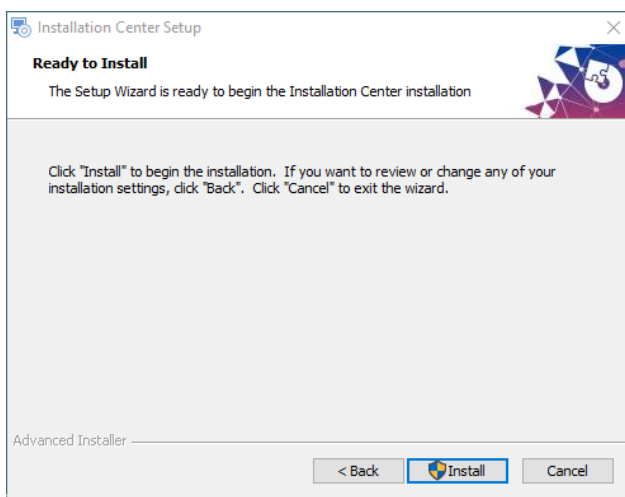
Please DO NOT change the installation path. The default & correct path is:

C:\Program Files\Mobileye\Installation Center\

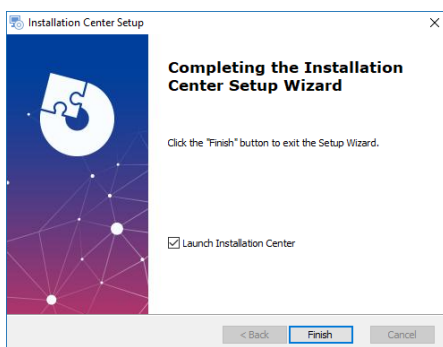
Click "Next" to continue



Click "Install" to start the installation of the IC



Once the IC installation has completed, click "Finish"



Step 3 - You can start using the IC application

## 4. Ethernet adapter configuration

Before start working with the IC application, you must configure your ethernet adapter (either the built-in or if you are using an external USB to ethernet adapter).

We recommend using the automatic option to adjust the ethernet configuration and if you still encounter any connectivity issue, follow the manual configuration as described in [section 4.2](#) to check the current configuration and adjust if necessary.

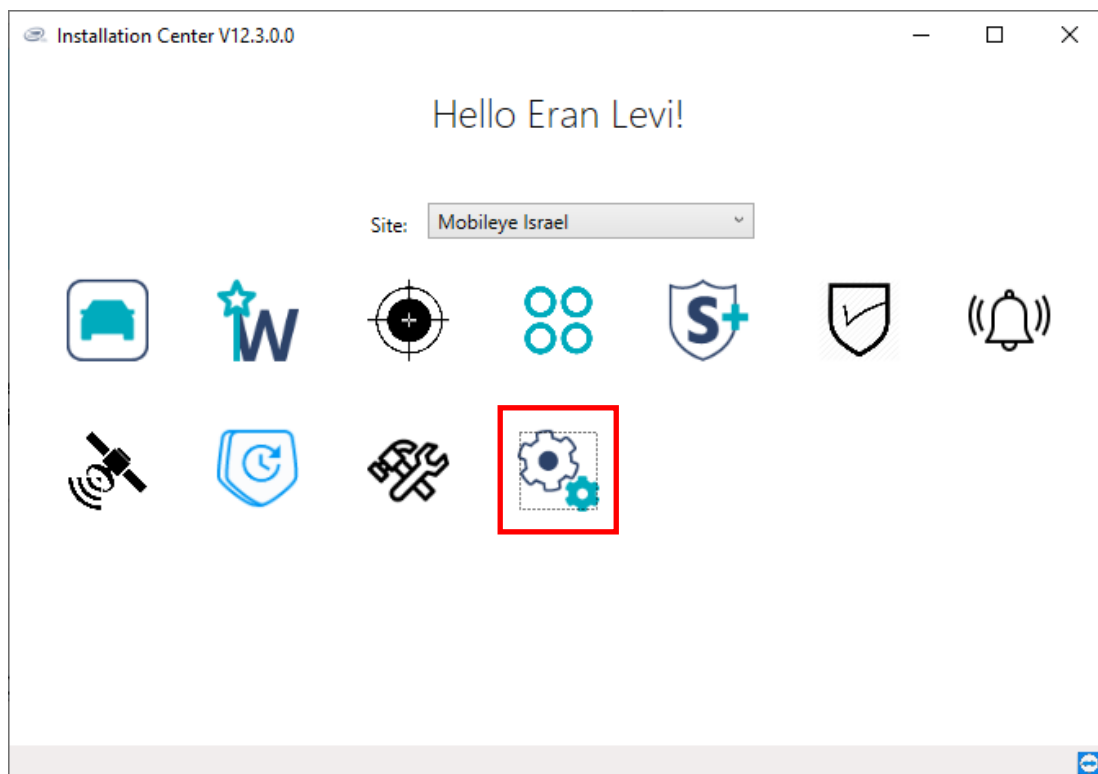
### 4.1 Automatic configuration

#### NOTE

The automatic configuration app works with most computers. In case it will not work, please continue with manual configuration as described in section 4.2.

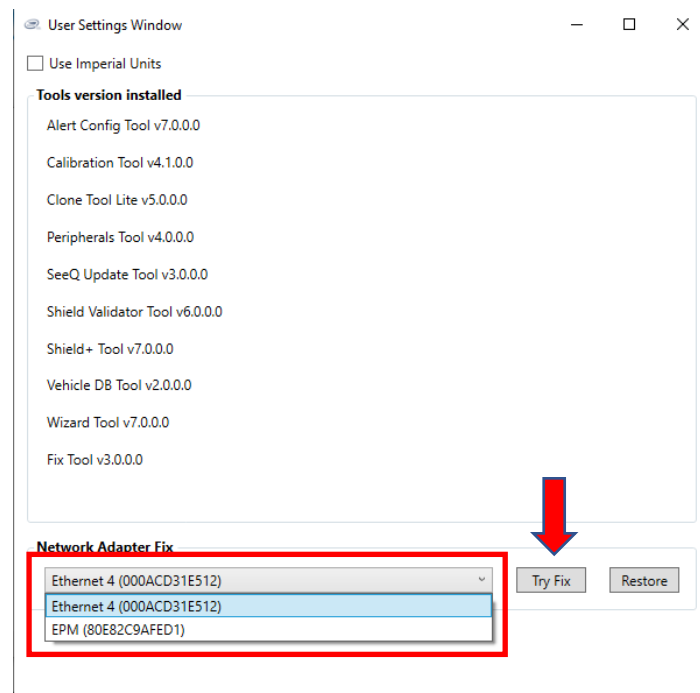
The automatic configuration app is part of the IC application which available from IC v12.3 and up.

Please follow the below steps to automatically adjust your ethernet configuration:  
Once you are logged in to the IC application, click the "Settings" icon



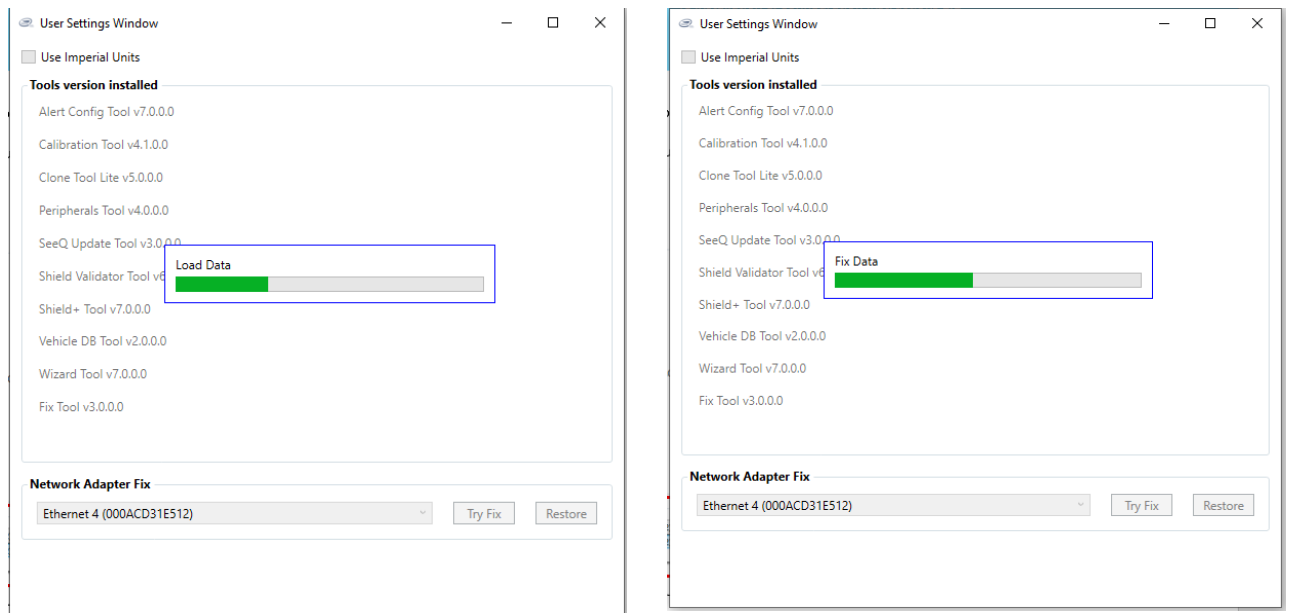
Open the drop-down menu and choose from the available list the ethernet port you are using.

Depending on your computer hardware, in some cases there will be more than 1, so please make sure to choose the correct one and click "Try Fix" button.

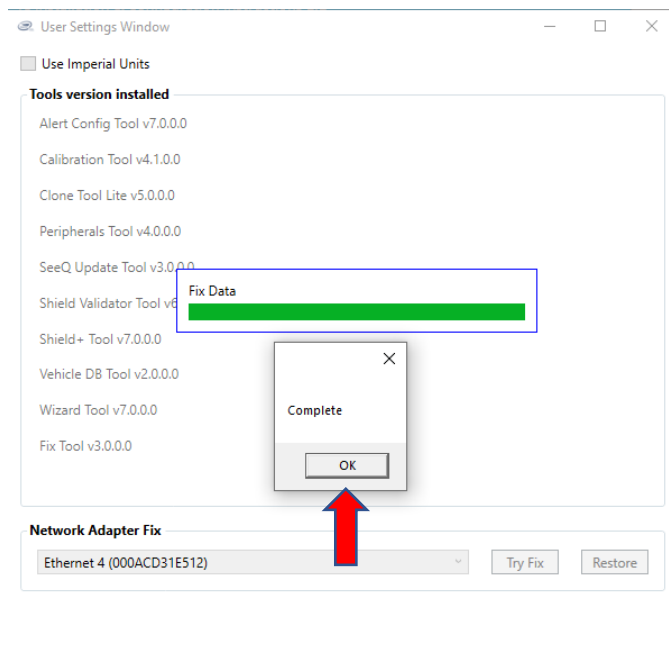


Please wait a moment for the completion of the process during which you will see an indication of the progress.

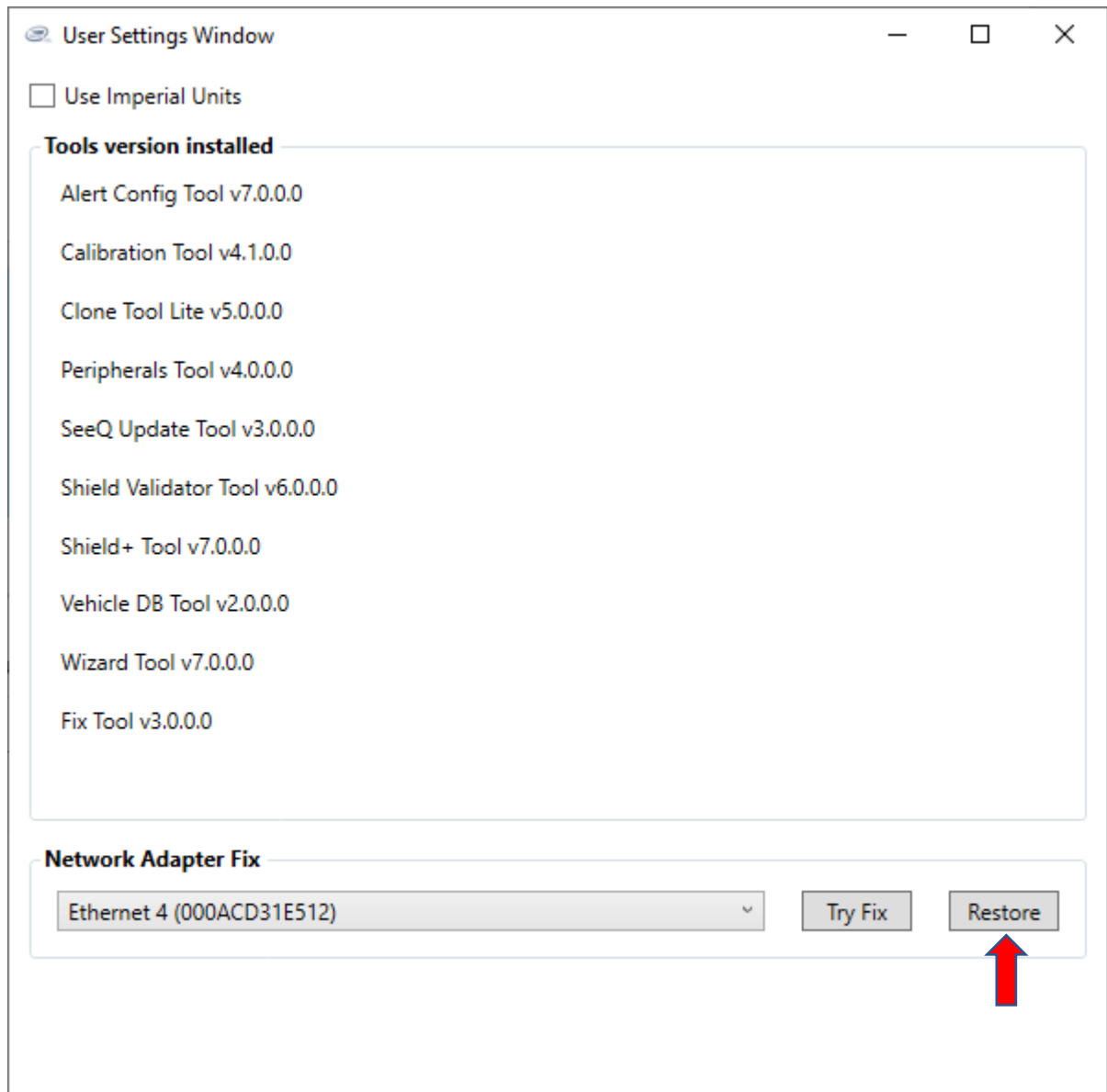




Once completed, click the "OK" button and continue with the calibration process. If you do not get the "complete" message and the progress bar is stuck, close and continue to section 4.2 for manual configuration.



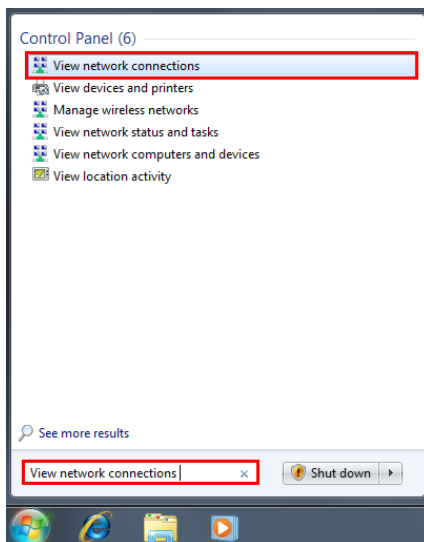
To roll-back and return to the latest ethernet configuration, click the "Restore" button and wait for a moment for the process to complete.



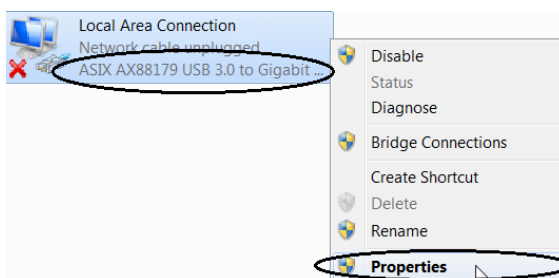
## 4.2 Manual configuration

Please follow the below steps to configure the Ethernet adapter (either the build-in LAN port or USB to LAN adapter)

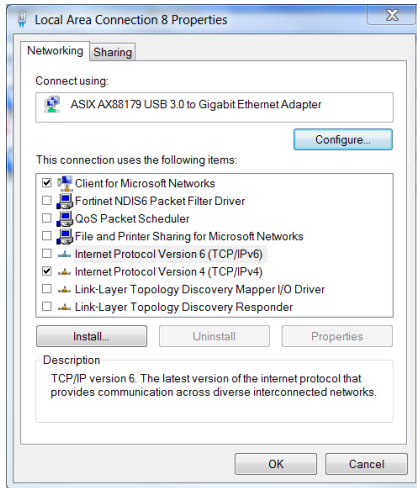
1. Click Start, and in the search field, type **View network connections**



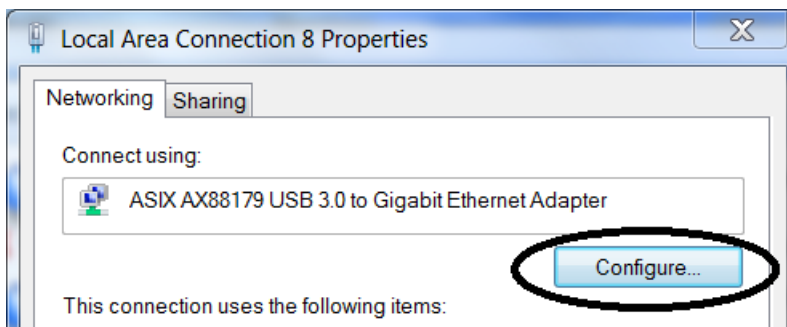
2. Press the right click on **Local Area Connection (ASIX AX88179 USB 3.0 to Gigabit Ethernet Adapter)** and press on Properties



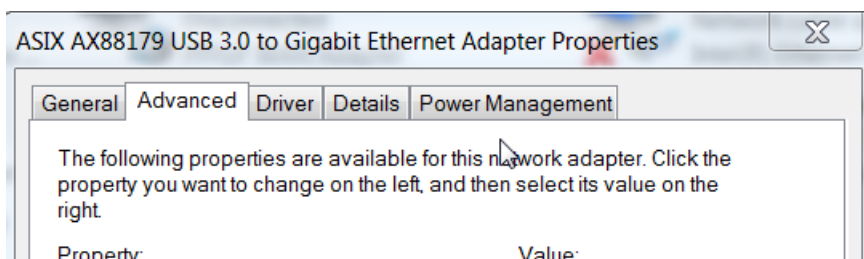
3. In the window "Local Area Connections Properties" uncheck all the [Check Box] except: **Client for Microsoft Network** and **Internet Protocol Version 4**



4. When completing step 4 above, press on the **Configure** button

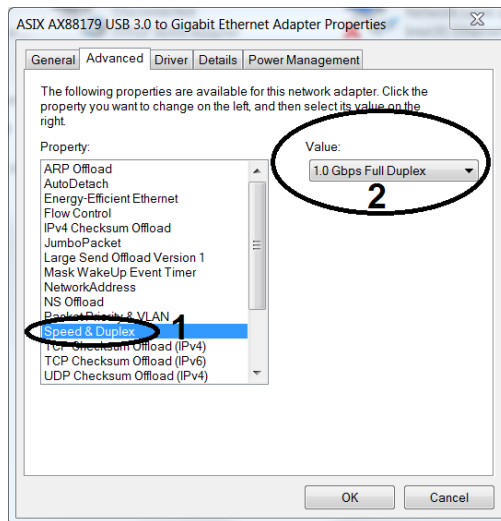


5. After pressing Configure a new Window will Open, Go to **Advanced** Tab

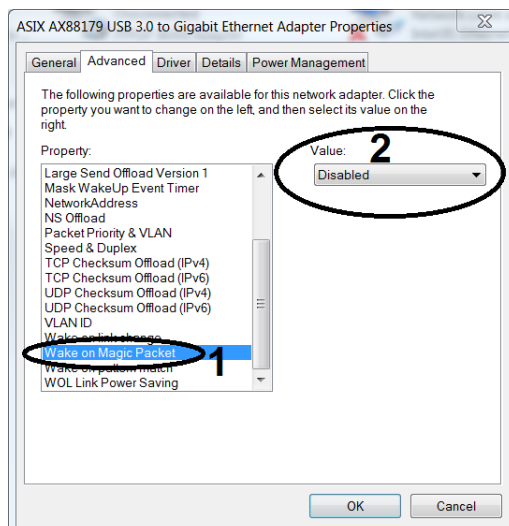


6. in the **Advanced Tab** Search for the following parameters and change them accordingly to the following settings:

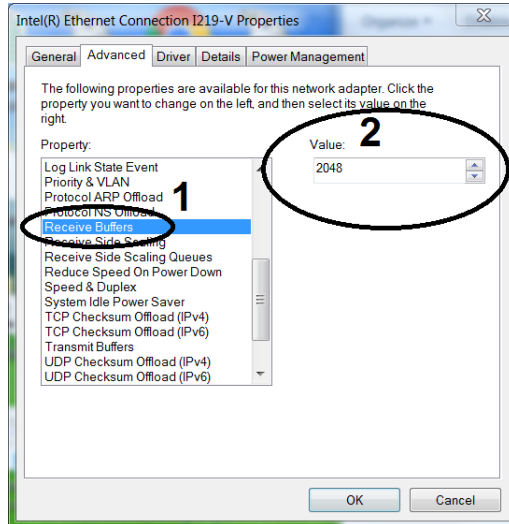
#### 6.1 Speed Duplex – and change the Value to **1.0 Gbps Full Duplex**



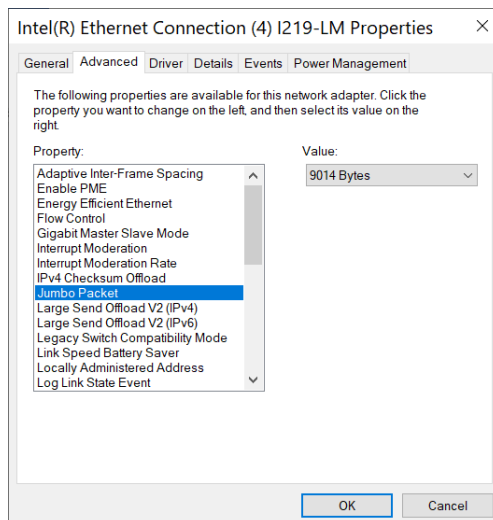
#### 6.2 search **Wake on Magic Packet** - and change the Value to **Disabled**



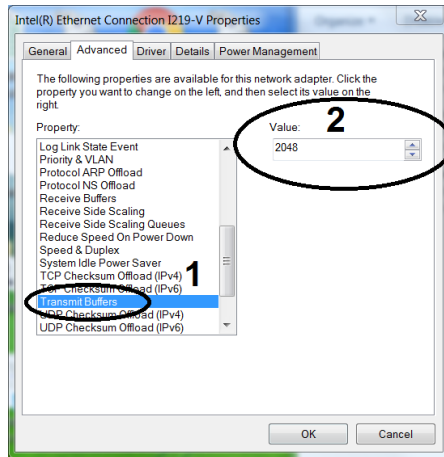
### 6.3 search **Receive Buffers** - and change the Value to **2048**



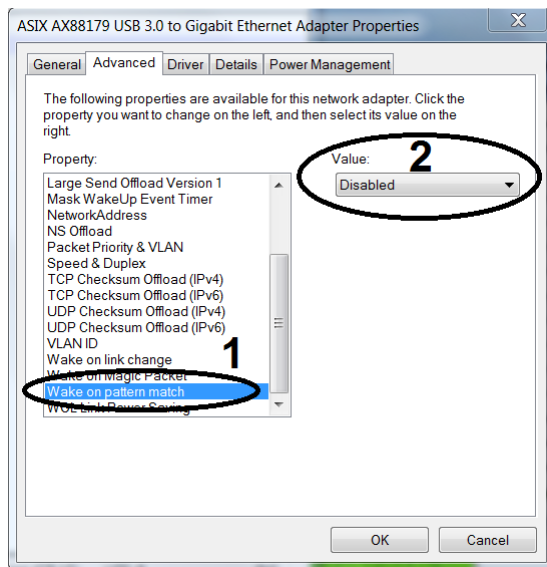
### 6.4 Search **Jumbo Packet**- and change it to the highest value or **9014 Bytes**



### 6.5 search **Transmit Buffers** - and change the Value to **2048**

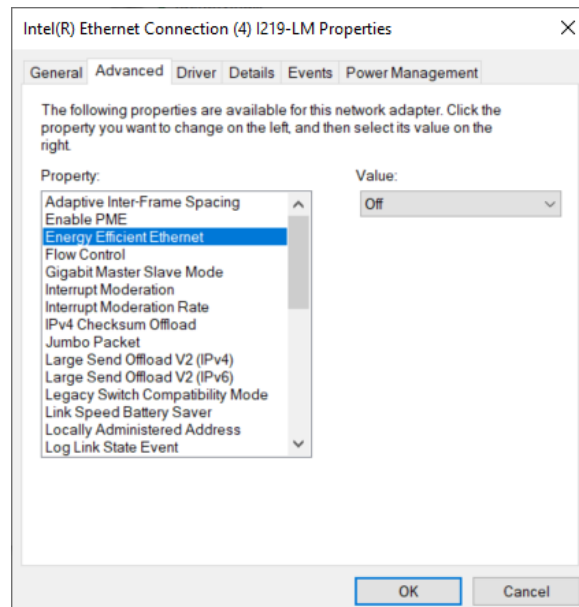


### 6.6 search **Wake on pattern match** - and change the Value to **Disabled**

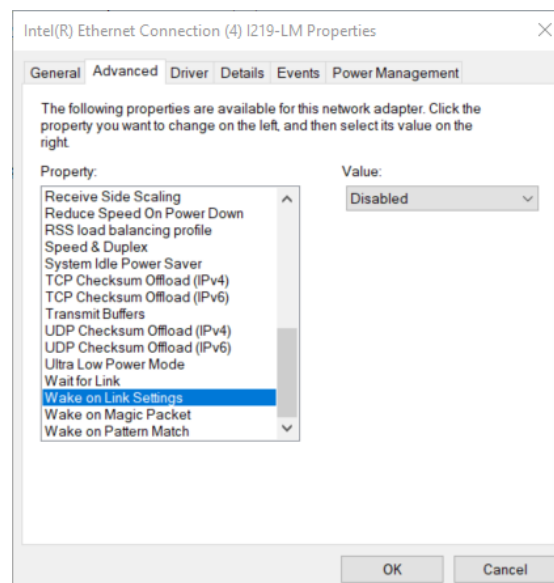


7. go to **Power Management** Tab and Uncheck the **Allow the computer to turn off this device to save power**

8. search **Energy Efficient Ethernet** - and change the Value to **Off**



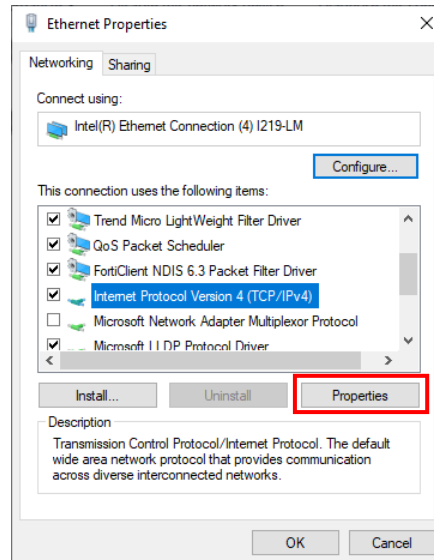
9. search **Wake on Link Settings** - and change the Value to **Disabled**



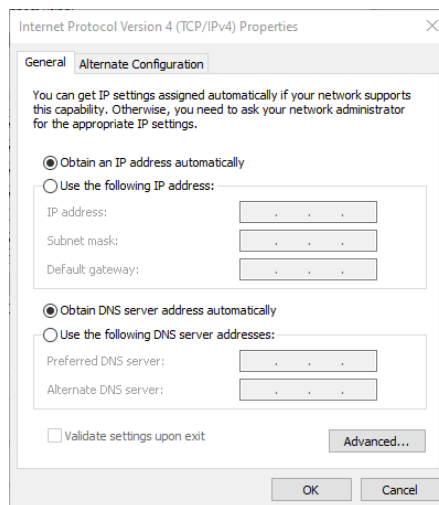
10. Press on **Ok** Button



11. Choose the **Internet Protocol Version 4 (TCP/IPv4)** and press on **Properties**



12. Verify the "**Obtain an IP address automatically**" and "**Obtain an IP address automatically**"



13. Press **OK**

## 5. IC Apps

Once you login to the Mobileye Installation Center, the different Apps will be shown according to your user account permissions.



**Vehicle DB** – CAN information, location and description for different manufactures and models and profile selection.



**Wizard** – Mobileye 8 Connect installation & Calibration app.



**Calibration Tool** – Quick camera reattachment and calibration app.



**Shield** – Shield Connect installation & Calibration app.



**Shield Validator** – after installation validator for connected cameras.



**Alerts Configuration** – Quick alert configuration and settings tool.



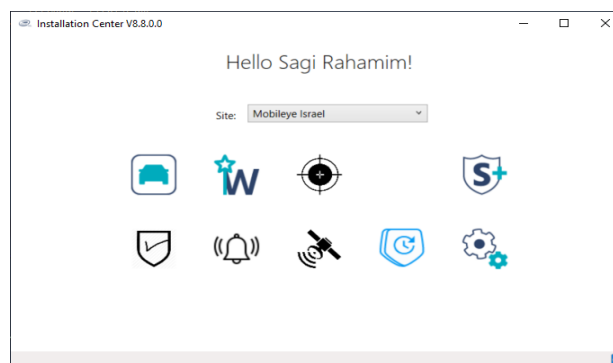
**Peripherals Tool** – GSM and GPS connectivity validator tool.



**SeeQ Update Tool** – Shield Connect rear cameras update tool to the latest firmware version



**User Setting** – change the software to Imperial Units.



## 6. Troubleshooting

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### 6.1 IC video delay

Issue: In some cases when using of a USB to CAN adapter result a video delay in the calibration step.

Solution: please connect Mobileye EyeNET directly to the build-in LAN port (if exist). If not, try to change USB port. If the problem consists, try to replace the adapter.

### 6.2 Cannot pass signal test

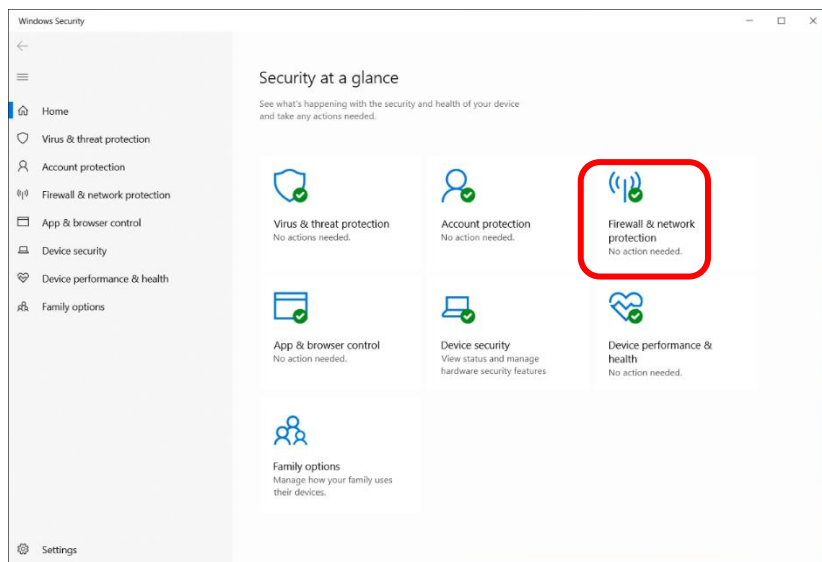
Issue: cannot pass signal test slide due to missing signals activation icons. Caused by a firewall software

Solution: follow steps below

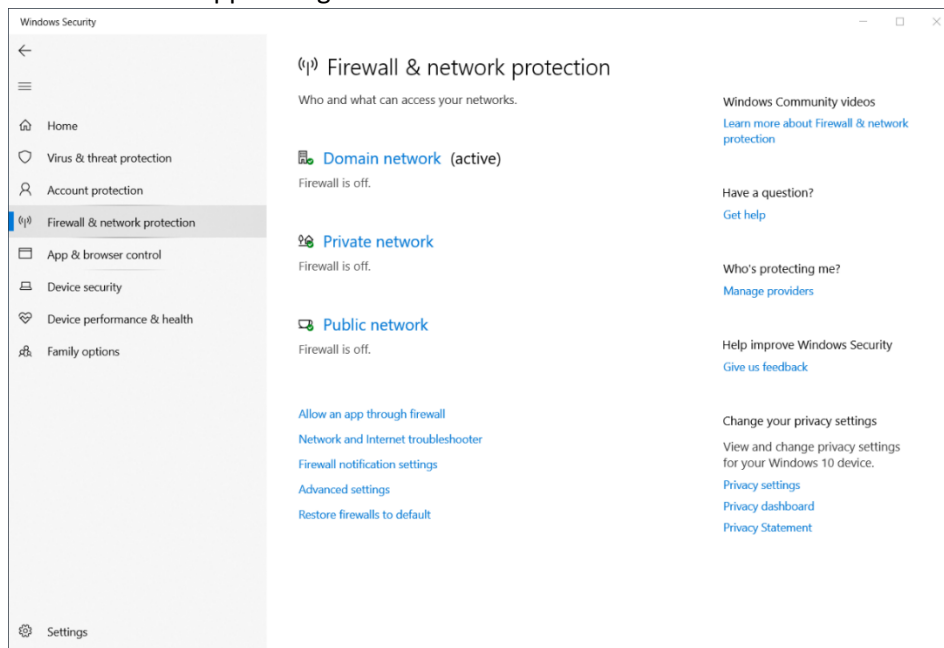
Open windows defender. In the left bottom corner of the taskbar:



## Open the Firewall settings



## Press "Allow an app through firewall"




In the "Public Network" Settings make "Installation Center" checkbox is mark and the "Public" (Only) is also checked. If you cannot mark the checkbox press "Change Settings".

### Allow apps to communicate through Windows Defender Firewall

To add, change, or remove allowed apps and ports, click Change settings.

What are the risks of allowing an app to communicate?

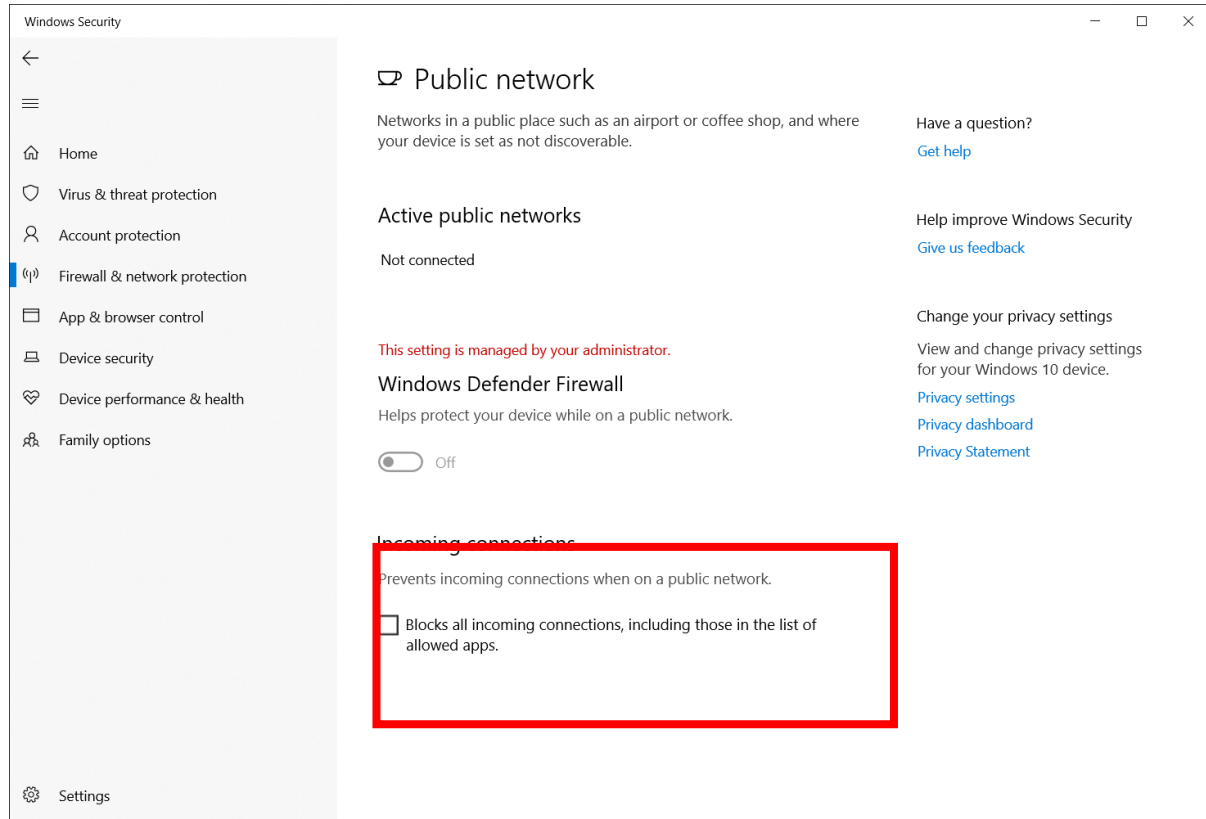
 Change settings

Allowed apps and features:

Nome	Privata	Pubblica	
<input checked="" type="checkbox"/> Il tuo account	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/> Il tuo telefono	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/> Individuazione rete	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/> Individuazione rete Wi-Fi Direct	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/> Microsoft Photos	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/> InstallationCenter	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/> Microsoft Edge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/> IntelUSBoverIP:1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/> Mappe Windows	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/> mDNS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/> Media Center Extender	<input type="checkbox"/>	<input type="checkbox"/>	

Details... Remove

Make sure that the "Incoming Connections" checkbox is unchecked.



## 6.3 Windows defender

Issue: cannot pass signal test slide due to missing signals activation icons. Caused by a firewall software

solution: In a case that Windows Defender pop up message appears when running the Mobileye Installation Center (as shown below), please mark V on both check boxes and press "Allow access"



## 6.4 Firewall configuration

Issue: cannot run Installation Center due to firewall configuration.

Solution: use the below configuration

IP Address: 13.81.5.190  
URLs: \*.am.mobileye.com  
Port: 443 (ssl)  
Description: RESTAPI