

SEOW MOTION IMAGING SOLUTION

Optimizing mobile Intel network adapters for Windows 10

The Intel mobile i21 series of network adapters has issues communicating properly with Photron cameras if the Intel Driver is out of date. Please ensure if you have an Intel adapter that starts with i21 you upgrade to the latest driver version. The latest version for windows 10 can be found by following this link: https://downloadcenter.intel.com/download/25016/Intel-Network-Adapter-Driver-for-Windows-10 (This download is an auto install executable file)

1) To check your network adapter simply click on your ethernet or wifi icon in the bottom right of the task bar and select "Network and Internet Settings".



1)



2) The network settings window will open up and the user can select "Change adapter options" to open up their list of adapters.

3) Select the currently used adapter and right click and select properties. The name will be displayed in the box that says "Connect using:".

2)	Status Network status		
	Private network You're connected to the Internet If you have a limited data plan, you can make this network : metered connection or chance other properties.	a	
	Change connection properties		
	Show available networks		
	Change your network settings		
	Change adapter options View network adapters and change connection settings.		
	Sharing options For the networks you connect to, decide what you want to sha	re.	
	• HomeGroup Set up a homegroup to share pictures, music, files, and printer other PCs on your network.	s with	
	Network troubleshooter Diagnose and fix network problems.		
2)	Network Connections		
,		nternet > Network Connections	
	Organize Disable this network device Diagno	ose this connection Rename this connection	View status of this connection
	Bluetooth Network Connection 2 Not connected	Ethernet Network 3 Realtek PCIe Bridge Connections Create Shortcut Delete Rename	Vireless 1705 802.11b
		Properties	
	Ethernet Properties	×	
	Networking Sharing		
	Connect using:		
	👳 Realtek PCIe GBE Family Co	ntroller	
		Configure	



SLOW MOTION IMAGING SOLUTIONS

4) Updating this driver will also add an additional power saving option for your network adapter which can create a potential conflict. Please ensure the Ultra Low Power Mode is not checked in the Power Management options of your network adaper.

Intel(R) P	RO/TODU PT Dual P	ort Server Adap	ter #3 Configure
ek PCIe GBE F	amily Controller Pro	perties Power M	anagement
General	Advanced	Aboy	Driver
- Realtek	PCIe GBE Family Contr	oller	