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# WIFI CONNECTION CONFIGURATION MANUAL

### **CHOOSE YOUR OPERATING SYSTEM**

1.	Windows XP	2
2.	Windows Vista	4
3.	Windows 7	5
4.	Windows 8/8.1/10	7
TRI	JBLESHOOTING	

1. Searching for devices in the local area network ......9



#### 1. WINDOWS XP

- Connect the display to the power source. The display should be located within the range of the computer wireless adapter. The distance between the antennas in the room (where there are obstacles, e.g. walls) should be about 5-10m, while in the location where the antennas can "see" each other, the range they cover can be extended to about 50m.
- 2. For the Classic view of the "Start" menu, from "Start" select "Settings", and then "Control Panel" or directly click on "Control Panel". In "Control Panel" select "Switch to Classic View" from the menu on the left, and then open "Network Connections".
- In the "Network Connections" window right-click on "Wireless Network Connection", and then select "Properties" from the menu.

**NOTICE:** Please, check if "Wireless Network Connection" is the only active connection. Please, disconnect other network adapters/the Internet (Local Area Connection, the mobile Internet) – right-click on the given connection, and then select "Disable" from the menu.

4. In the new window select "*Internet Protocol (TCP/IP)*", and then click the "*Properties*" button.



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📙 Wireless Network Connection Properties 🛛 📍 🔀					
General Wireless Networks Advanced					
Connect using:					
BO2.11 USB Wireless LAN Adapter					
This connection uses the following items:					
Boo Packet Scheduler      Topology Discovery Responder					
Internet Protocol (TCP/IP)					
Install [Ininstall Properties					
Description					
Journal Join Protocol Transmission Cartol Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.					
Great Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.      Show icon in notification area when connected      Notify me when this connection has limited or no connectivity					

rnet Protocol (TCP/IP) Prop	erties <u>?</u>			
neral				
ou can get IP settings assigned ris capability. Otherwise, you ner re appropriate IP settings.	automatically if your network supports ad to ask your network administrator for			
O Obtain an IP address automatically				
<ul> <li>Use the following IP addres</li> </ul>	s:			
IP address:	192.168.000.55			
S <u>u</u> bnet mask:	255 . 255 . 255 . 0			
Default gateway:				
O Obtain DNS server address	automatically			
Use the following DNS serv	er addresses:			
Preferred DNS server:				
Alternate DNS server:				
	Advanced			

- 5. Select the option: *"Use the following IP address"* and complete the following fields:
  - IP address: 192.168.0.55
  - Subnet mask: 255.255.255.0

Leave the other fields empty, and confirm the changes with the "OK" button.

NOTICE: If, on the network adapter, the IP, DNS, etc address is



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already set, you should write it down to be able to return to the previous settings.

6. Right-click on "Wireless Network Connection" and choose "View available wireless networks". The list of networks should appear. Select the one named "*rgb\_ap*" and connect with it.



#### 2. WINDOWS VISTA

- 1. From the "Start" menu (bottom left-hand corner) select "Control Panel". In the control panel choose Classic view (menu on the left), and then double-click on "Network and Sharing Center".
- 2. From the menu on the left select "Manage network connections".
- 3. In the "*Network Connections*" window disable all connections except for "*Wireless Network Connection*" (right-click on the given connection and select "*Disable*" from the menu).

**NOTICE:** The connection name may depend on the network adapter type and differ from the one used in the manual.

- 4. Right-click on "Wireless Network Connection" and select "Properties".
- 5. In the "Local Area Connection Properties" window click on "Internet Protocol Version 4 (TCP/IPv4)", and then click the "Properties" button.
- 6. Select the option "Use the following IP address" and complete the following fields:
  - IP address: 192.168.0.55
  - Subnet mask: 255.255.255.0

Leave the other fields empty, and confirm the changes with the "OK" button.

**NOTICE:** If, on the network adapter, the IP, DNS, etc address is already set, you should write it down to be able to return to the previous settings.

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🕎 All Control Panel Items

#### 3. WINDOWS 7

 From the "Start" menu (bottom lefthand corner) select "Control Panel". In the control panel, in the top righthand corner, select the "View by: Small icons" option, and then click on "Network and Sharing Center".

2. From the menu on the left choose "Change adapter settings".



 In the "Network Connections" window disable all connections except for "Wireless Network Connection" (right-click on the given connection and then select "Disable" from the menu).
 NOTICE: The connection name may depend on the network adapter type and differ from the one used in the manual.



4. Right-click on "Wireless Network Connection" and select "Properties".

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 In the "Wireless Network Connection Properties" window click on "Internet Protocol Version 4 (TCP/IPv4)", and then click the "Properties" button.

🖞 WiFi Properties	×			
Networking Sharing				
Connect using:	.			
P-LINK Wireless USB Adapter				
<u>C</u> onfigure	]			
This connection uses the following items:	.			
✓     Iterat for Microsoft Networks       ✓     QoS Packet Scheduler       ✓     Iterate Protocol Version 6 (TCP/IPv6)       ✓     Internet Protocol Version 6 (TCP/IPv4)       ✓     Internet Protocol Version 4 (TCP/IPv4)       ✓     Internet Protocol Version 9 (TCP/IPv4)				
Install Uninstall Properties	1			
Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.				
OK Cancel				

- 6. In the "Internet Protocol Version 4 (TCP/IPv4) Properties" window select the option "Use the following IP address" and complete the following fields:
  - IP address: 192.168.0.55
  - Subnet mask: 255.255.255.0

Leave the other fields empty, and confirm the changes with the "OK" button.

**NOTICE:** If, on the network adapter, the IP, DNS, etc address is already set, you should write it down to be able to return to the previous settings.

nternet Protocol Version 4 (TCP/IPv	r4) Properties					
General						
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.						
O Obtain an IP address automatically						
Use the following IP address:						
IP address:	192 . 168 . 0 . 55					
S <u>u</u> bnet mask:	255.255.255.0					
Default gateway:	· · ·					
O Obtain DNS server address auton	natically					
□ Use the following DNS server addresses:						
Preferred DNS server:	· · ·					
<u>A</u> lternate DNS server:	· · ·					
Validate settings upon exit						
	OK Cancel					

- 7. After confirming the changes of the IP address right-click the "Wireless Network Connection" icon and select "Connect/Disconnect".
- 8. In the window displaying available wireless networks select "rgb\_ap", and then click on "Connect".



#### 4. WINDOWS 8/8.1/10

- 1. Right-click the "Start" button (bottom left-hand corner) and select "Control Panel" from the list. In the control panel, in the top right-hand corner, choose the option "View by: Small icons", and then click on "Network and Sharing Center".
- From the menu on the left select "Change network adapter settings".



Back up and Restore (Windows 7)

Befault Programs

Flash Player (32-bit)

Intel® HD Graphics

Phone and Modem

Speech Recognition

Windows Firewall

Taskbar and Navigation

🛄 Display

📌 Language

A Region

Discolour Mana

Dell Audio

A Fonts

\rm Mouse

🕒 Ease of Access Centre

💬 Internet Options

Power Option

Storage Spaces

Troubleshooting

Windows Mobility Center

RemoteApp and Desktop Connections

 Right-click on "WiFi" (Wireless Network Connection), and then select "Properties".

🔤 All Control Panel Items

Administrative Tools

Credential Manager

File Explorer Options

Programs and Features

Security and Maintenance

🗄 Device Manager

• HomeGroup

Sync Centre

& User Accounts

Work Folders

Java Vetwork and Sharing Centre

Adjust your computer's settings

← → ✓ ↑ 🔯 > Control Panel > All Control Panel Items >

AutoPlay

Pate and Time

File History

Keyboard

Recovery

Sound

🔜 System

🚅 Personalisation

Windows Defender

The Devices and Printers

A Indexing Options

**NOTICE:** Please check if "*WiFi*" is the only active connection. Please, disconnect other network adapters/the Internet (Ethernet, the mobile Internet) – right-click on the given connection, and then select "*Disable*" from the menu.



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Q

y ひ Search Control Panel

View by: Small icons -



4. In the properties window select "Internet Protocol Version 4 (TCP/IPv4)", and then click the "Properties" button.

- 5. In the "Internet Protocol Version 4 (TCP/IPv4) Properties" window, select the option "Use the following IP address", and then complete the following fields:
  - IP address: 192.168.0.55
  - Subnet mask: 255.255.255.0

Leave the other fields empty, and confirm the changes with the "OK" button.

**NOTICE:** If, on the network adapter, the IP, DNS, etc address is already set, you should write it down to be able to return to the previous settings.

🏺 Wi-Fi Properties	×					
Networking Sharing						
Consideration						
Karta Broadcom 802.11n Network Adapter						
Configure						
This connection uses the following items:						
V Kient sieci Microsoft Networks						
Loostępnianie plików i drukarek w sieciach firmy Micro:     Loomon Antonie Security Firewall Driver						
ECOMODO Internet Security Prewail Driver     Enterna Security Prewail Driver     Enterna Security Prewail Driver						
🗹 🐙 Shrew Soft Lightweight Filter						
Responder odnajdywania topologii warstwy linku						
Protokoł internetowy w wersji 4 (TCP/IPv4)						
la stall linita	tell Decention					
	stall <u>Properties</u>					
Transmission Control Protocol/Ir	nternet Protocol, Domvślny					
protokół dla sieci rozległych um	ożliwiający komunikację					
porqueeniyen alcenteeniyen gool						
	OK Cancel					
Protokół internetowy w wersji 4 (TCP/	/IPv4) Properties ×					
General						
You can get IP settings assigned autor	matically if your petwork supports					
this capability. Otherwise, you need to	o ask your network administrator					
for the appropriate in seconds.						
O Obtain an IP address automatical	lly					
Use the following IP address:						
IP address:	192.168.0.55					
Subnet mask:	255.255.255.0					
Subnet mask: Default gateway:	255.255.255.0					
Subnet mask: Default gateway:	255 . 255 . 255 . 0					
Subnet mask: Default gateway: Obtain DNS server address auton	\$255.255.00            matically         dresses:					
Subnet mask: Default gateway: Obtain DNS server address auton Output of the following DNS server add Preferred DNS server:	\$\black\$55.255.0            matically         gresses:					
Subnet mask: Default gateway: Obtain DNS server address auton Ot Use the following DNS server add Preferred DNS server: Alternative DNS server:	\$255.255.0            matically         dresses:					
Subnet mask: Default gateway: Obtain DNS server address auton Output of the following DNS server add Preferred DNS server: Alternative DNS server:	\$255.255.0            matically         dresses:					
Subnet mask: Default gateway: Obtain DNS server address auton Obtain DNS server address auton Obtain DNS server: DNS server: Alternative DNS server: Valjdate settings upon exit	\$ <b>255</b> \$, 255, 255, 0         .         matically         dresses:         .					

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6. After confirming the changes of the IP address right-click the "WiFi" icon and select "Connect/Disconnect". In the window displaying available wireless networks select the "rgb\_ap" network, and then click on "Connect".





## TROUBLESHOOTING

## SEARCHING FOR DEVICES IN THE LOCAL AREA NETWORK

- The display supplied by the manufacturer has a default IP address: 192.168.0.11 already set. Such IP address should be entered in the setup of the program used for the connection with the display (especially if it is a newly purchased product). If there is a connection problem or if the IP address has been changed and you are not sure what it is like now, you should use the **RGB Devicer2** program. The program searches for the RGB Technology devices in the local area network. The program is available at <u>http://rgbtechnology.pl/soft/</u>.
- 2. To search for the display, launch the RGB Devicer2 program. The program will automatically start searching the network.



In the top left-hand part of the window, the display IP address should appear.

If the message: *"Socket error"* appears, shut down the program and restart it right-clicking on the program icon and selecting: *"Run as administrator"*.

**NOTICE:** The program searches for the RGB Technology devices in the local area network by searching the subnet defined by the IP address and the mask, both set in the network connection of the computer. If the IP address of the display has been changed, set, in the computer network adapter, the IP address also belonging to the same subnet, but of course other than the IP address of the display.



- 3. If you experience problems with connecting with the display:
  - a) Select *"Show all Network Connections"* and check if the IP address for the given connection is set properly.
  - b) Disable all network connections, especially the wireless connection and the Internet.
  - c) For the time of the connection with the display, disable all programs of the antivirus or firewall type.