

Change Parallax PCA and Exact V2 IP Address

Current Factory Default IP Addresses for Parallax

PCA NIC:	192.168.0.100
Exciter 1	192 168 0 209

Exciter 2: 192.168.0.210

Here is the Username and Password for: Parallax PC if the screen has been Locked, user: PCA; password: X Exact V2 exciters user: Administrator; password: admin

Note: Both exciter IP addresses will need to be changed first through the PCA Gui. After these changes, the computer will no longer be able to communicate with the Exciters until the computer NIC card has been changed to be on the same Network as the exciters. The app config file also needs to be edited with the new exciter addresses.

1. Double click the **pca-gui** icon if it is not already open. The PCA opens.



Note: If the pca-gui is already open and has been locked, select the **Unlock Control** to unlock it. The Unlock Control prompt opens. Type in the box the following password: **changeme**. When finished, select **OK**. The Green Unlock Control button clears to a neutral status represented by the standard gray button color.





2. Select **System Configuration** in the Navigation Bar. The System Configuration screen opens.



3. Select **Exciter Configuration** in the Navigation Bar. A drop down menu for Exciter 1 and Exciter 2 appears. Select the Exciter you wish to make the IP changes to. The Exciter X Setup screen opens.

LOCAL	VSWR Foldback		0/25/2018 9:30:	58 AM		р	arallax Control Applic	ation			Com
Home	System Configuration	Cabinet	TX OFF	RF Out External Interlock VSWR Foldback	Forward Po Reflected P	ower 0% ower 0%	(0.00 kW / 10.0 kW TPO)	Upper Shoulder Lower Shoulder SNR	0 dB 0 dB 0 dB	PAR/	AULAX"
System Configuration	Forward Power (Watts)	<	Home System Configuration	× c	OMARK	EXAC	Exciter	1 Setup	User (guest) +	Log In	Refresh Settings 📄 Refresh Monitoring 🗹
Information	RF Type	U۲	System Information	Settings				Managemen	t - General		
	Amp Frequency (470 - 608) (MHz)	<	Togole On-Streen	- General - SNMP	— Info —	Equipment Name	-	•			Ī
Launch Configuration	Licensed TPO (Watts)	<	Refresh	- Files		S/N Hard. Version		-	- Miscellaneous	57600 bos	
Exciter Configuration	Dryloop Power Step (1 - 254) (Watts)	<		Process Outputs	E _ Standa	Soft. Version		0		0	- 2 ~ 2 min ~
Show/Hide Keyboard	Exciter Attenuation (dBm)			Refres		Standard		4			

4. Select **Administrator** from the drop down menu for the User and then enter in the following password in the field found below: **admin**.

0 dB					
	User (guest)	Log in	Refres	h Settings h Monitoring	
t - Gei	neral				



5. Select Login.



6. Under **Control 1**, make the necessary IP changes to the **Address**, **Subnet Mask**, and **Gateway** fields.

Settings		Monogon	ant
A Managamant	_	мападет	ent -
e Management	— Standard ———		
General	Standard	ATSC 1.0	
- SNMP			
- Options	- Control 1	• 🖸	1
- Files	Address	192 - 168 - 0 - 209 🔦	
🕂 🕤 Inputs	Subnet Mask	255 - 255 - 255 - 0	
+ TProcess	Gateway	192 . 168 . 0 . 254	
	MAC	00:18:D3:00:B3:2A	
Refresh	DHCP		

7. Once you have made the necessary changes, the Apply button appears in order to save these new changes. Select **Apply**.



8. Select **Log out** to exit out of the Exciter. If you have another Exciter to change, return to Step 3 and complete steps for the second Exciter. If not, proceed to Step 9.





9. Select **Home** in the Navigation Bar. The Home screen opens.



10. Select **System Information** in the Navigation Bar. The System Information screen opens.



11. Select **System Control** in the Navigation Bar. The System Control screen opens.



12. Select Exit from the drop down menu. The PCA closes.





Note: The PCA control system is Windows 10. If you are familiar with setting network connections up in Windows, you do this as you do with any PC.

13. Select the **Windows** icon at the bottom left of the screen. Scroll to and then select **Settings**. The Window Settings screen opens.

	Console Realtek Audio Console
	Savin Driver Utility
	Settings
	S Skype
D	🗾 Sticky Notes
	Sway New
	Symantec Endpoint Protection V
ŝ	T
Ф	Tips
	✓ Type here to search

14. Select Network & Internet.

Settings									
				Windows S	Settir	ıgs			
				Find a setting		٩			
	Д	System Display, sound, notifications, power		Devices Bluetooth, printers, mouse		Phone Link your Android, iPhone	⊕	Network & Internet Wi-Fi, airplane mode, VPN	
	Ŋ	Personalization Background, lock screen, colors		Apps Uninstall, defaults, optional features	8	Accounts Your accounts, email, sync, work, other people	C A 子	Time & Language Speech, region, date	
	\bigotimes	Gaming Game bar, DVR, broadcasting, Game Mode	Ģ	Ease of Access Narrator, magnifier, high contrast	0	Cortana Cortana language, permissions, notifications	8	Privacy Location, camera	
	$\langle \rangle$	Update & Security Windows Update, recovery, backup							



15. Select **Change adapter options** under the Status section. The Network Connections screen opens.



16. Double click on the NIC adapter icon. The Ethernet Status window opens.



17. Select Properties in the dialog box.





18. Double click on **Internet Protocol Version 4 (TCP/IPv4)**. The Internet Protocol Version 4 (TCP/IPv4) Properties window opens.

📮 Ethernet Properties	×					
Networking						
Connect using:						
Intel(R) Ethernet Connection (2) I219-V						
Configure	i l					
This connection uses the following items:						
Install Uninstall Properties						
Description Allows your computer to access resources on a Microsoft network.						
OK Cancel						

19. Enter a static **IP address**, **Subnet mask**, and **Default gateway**. Select **OK** to save the new settings.

Internet Protocol Version 4 (TCP/IPv4)	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.								
Obtain an IP address automatical	ly							
IP address:	192 . 168 . 0 . 100							
Subnet mask:	255.255.255.0							
Default gateway:	192.168.0.1							
Obtain DNS server address automatically								
Use the following DNS server add	resses:							
Preferred DNS server:								
Alternate DNS server:								
Validate settings upon exit	Advanced							
	OK Cancel							



20. Return to the desktop and double-click on the **pca-gui** folder.



21. Double click on the **app** CONFIG file. A text file opens.

📙 🕑 📙 🛨 pca-gui										
File Home Share View										
\leftrightarrow \rightarrow \checkmark \uparrow \square > pca-gui										
^	Name	Date modified	Туре	Size						
📌 Quick access	logs	10/25/2018 9:13 AM	File folder							
Desktop 🖈	launcher	10/4/2018 3:53 PM	Windows Comma	1 KB						
👆 Downloads 🖈	app 🖉	10/10/2018 3:15 PM	CONFIG File	2 KB						
🗎 Documents 🖈	an 🔤	10/12/2018 2:02 PM	CONFIG File	1 KB						
📰 Pictures 🛛 🖈	canlibclsnet.dll	1/10/2018 11:06 AM	Application extens	66 KB						
🏪 Local Disk (C:)	👚 canlibclsnet	1/10/2018 11:06 AM	XML Document	207 KB						
Parallax	EntityFramework.dll	10/23/2017 1:15 PM	Application extens	5,103 KB						
pca-qui	EntityFramework	10/23/2017 1:15 PM	XML Document	3,594 KB						
per gui	Ginkgo_Driver.dll	5/26/2017 3:15 PM	Application extens	178 KB						

22. At the top of the opened config file the original IP addresses attributed to Exciter1 and Exciter2 are present. Replace both with the updated IP addresses that are now in use within the PCA.



Note: In the process of replacing the IP addresses in the app CONFIG file, make sure to match the use of quotation marks and commas as displayed in the accompanying image.



23. Select the **File** drop down menu in the text edit window and then select **Save**. This saves the changes to the config file. Select the **File** drop down menu again and then **Exit**.



24. Return to the desktop, double click on the pca-gui icon to return to the PCA.

