

Cassia S1000/S1100/X1000 Quick Start Guide

Step One – Associate your Bluetooth router with the Cassia IoT Access Controller (AC)

- Connect your router and your PC to the same local network
- Install a port scanner like "Advanced IP Scanner" on your PC to find the IP address of your router, see Figure 1.

2		Ad	dvanced IP Scanne	er	- 🗆 🗙
<u>File</u> <u>A</u> ctions	<u>S</u> ettings <u>V</u> iew	<u>H</u> elp			
Scan					
192.168.0.1 -	192.168.0.254			Example: 192.168.0.1-1	92. 168.0. 100, 192. 168.0.200 👻
Results Fav	vorites				
Status	Name	IP	Manufacturer	MAC address	
▶ 📮	192.168.0.1	192.168.0.1		18:A6:F7:55:59:E2	
▷ 📮	192.168.0.100	192.168.0.100		CC:1B:E0:E0:A8:54	
▷ 📮	HCHPLT03	192.168.0.101	Hon Hai Precision In	10:08:B1:0A:E4:74	
▶ 📮	192.168.0.102	192, 168, 0, 102		CC:1B:E0:E0:59:60	
▶	192.168.0.103	192.168.0.103		CC: 1B:E0:E0:A8:55	
▷ 📮	192.168.0.104	192, 168.0, 104		CC:1B:E0:23:A4:5E	
▷ 📮	192.168.0.105	192.168.0.105		CC: 1B:E0:E5:23:C8	
	cassia-Inspiron-5	192.168.0.106	Dell Inc.	20:47:47:ED:16:8F	
8 alive, 0 dead, 2	46 unknown				

Figure 1 - Find the IP address of your router

• Access your Bluetooth router (AP) by entering its IP address in a web browser, see Figure 2.

		,WIAN0:192.168.0.106 MAC: CC:1	B:E0:E0:D4:BC Mode	el: S1100 Version: 1.12.10.15 Uptime
hc	ours			
De	eveloper account and	AC address		
	Developer Key	tester	Clear	
	AC Address	demo.cassia.pro	Clear	
ot	ther			
	Timezone	(GMT -08:00) Pacific Time (U	IS & Canada)	•
	Scenario	Connection and scanning	*	

Figure 2 Access the router's configuration page

• In Common section, please enter your Developer Key and AC Address.

Step Two – Access the Cassia IoT Access Controller (AC)

- Enter the IP address or domain name of your AC into the address bar. For example, http://demo.cassia.pro
- Input user name and password, then click Login. See Figure 3 below.

\leftarrow \rightarrow C \bigcirc Not secure demo.cassia.pro/session?view			
စ္ဘီ _{Cassia} Cassia IoT Access Controller ^{Beta}			
	Welcomel		
	• Welcome:		
	Username:	admin	
	Password:	••••••	
		Login	

Figure 3 - Cassia AC login page

Step Three – Change the settings of Cassia IoT Access Controller (AC)

• Input your Developer Key, Developer Secret, and License as indicated in Figure 4 below.

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Gassia loT Ac	cess Controller ^{Beta}		
C Dashboard	Developer accord	unt for RESTful APIs 🥝	
✓ Statistics	Developer Key	tester	
🗘 Routers	Developer Secret	198c776539c41234	
Devices			
< Мар	License (2)		
ô Settings	Device Id	72643667689984	
() Maintenance	License key	<u>v009-8q61-iy6a-I9fe-2gz8</u>	
ည် Admin	Features	AC Basic AP Count: 2048	

Figure 4: Input your developer key, secret, and license

Step Four – Add Bluetooth router (AP) to AC routers list

• Navigate to the Routers page, as shown in Figure 5 below.

Cassia AP	X Cassia AP	× 🗅 Ap	×					4	- 0 ×
IoT Controller								Ĺ	¶ Ωadmin
C Dashboard	Ap-policy							Add Edit Dele	te
✓ Statistics first	click Mac			ту	pe				
C Routers	No items, please add	a new one.							
Devices							second cl	ick	
Cocation ing	• AP List					Add	Discover A P	Config Delete	Upgrade
ැලි Settings	Name	IP	Mac	Model T	Version	Status	Position T		Untime
Firmware	my		CC:1B:E0:E0:10:C0			offline		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
₿ Admin									

Figure 5: Add Bluetooth router to AC routers list

- Click "Routers -> Discover AP", AC will identify all Bluetooth routers in its network and display them in the table.
- Check the routers you want to add, then click "Add" button.
 Note: You can select multiple routers and add all of them to be managed under the AC, see Figure 6.

Cassia loT Ac	cess Controller ^{Beta}					Ç	&admin (i)⊦
Dashboard	Routers Groups	s: All 🔹			Add Disco	ver Edit D	
Statistics	# Name	IP	MAC	Model •	Version	Status	Position •
Routers	1 SJ Lab Ben Ho	me 67.180.18	5.215 CC:1B:E0:E0:BB:8C	S1000	1.12.10.10	offline	PEK Office 1st Floor
Devices							DEK Office 1et
Discover						Cancel	dd selected routers
Name		IP	MAC	Model	Version	Status	AccessType
-	Cuathia Llama	00 004 445 0	CC+10+50+50+00+60	04000	4 40 40 45	online	

Figure 6: Discover your router and add it into the AC

• User your router's MAC address to identify it on the list of discovered devices. Note: Your router's MAC address is located on the bottom of the router, as noted in Figure 7 below.



Figure 7: Cassia S1000 router's MAC address

Step Five – Configure the Bluetooth Router (AP)

• To configure a router, check the checkbox next to the desired router and click the Edit button as seen on Figure 8.

Gassia lot A	ccess Cor	ntroller ^{Beta}					🕂 & admin (i) Hei
C Dashboard	• Rou	iters Groups: All	Ŧ			Add Discover	Edit Delete Upgrade
✓ Statistics	#	Name	IP	MAC	Model •	Version	Status
C Routers	1	SJ Lab Ben Home	67.180.185.215	CC:1B:E0:E0:BB:8C	S1000	1.12.10.10	offline
Devices Map	2	SJ Lab Ben Bosch	73.189.79.61	CC:1B:E0:E0:BA:08	S1000	1.12.10.15	online
ැලි Settings	✓ 3	SJ Lab Cynthia Home	98.234.115.2	CC:1B:E0:E0:BB:60	S1000	1.12.10.15	online
Maintenance Ω Admin	4	SJ Lab Dave Home	69.181.82.35	CC:1B:E0:E0:BA:C0	S1000	1.12.10.15	online
0	5	PEK Lab Router 2	218.241.251.151	CC:1B:E0:E0:A8:67	S1100	1.12.10.15	online

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• Locate the Common Settings tab as shown in Figure 9 below to set Developer key.

	Common	Networks	APIs	
IP: eth0:192.168.0.100 MA	C: CC:1B:E0:E0:BA:08 Model: S	1000 Version: 1.11.1	10.97 Uptime: 12	23 hours
Developer account and	AC address			
Developer Key	tester		Clear	
AC Address	demo.cassia.pro		Clear	
Other				
Timezone	(GMT +08:00) Beijing, Hor	ng Kong, Singar 🔻		
Use Mode	Connection and scanning	v		

Figure 9: Set Developer Key on your Router

- Make sure to enter the same Developer Key as your AC. If the AC Address field is empty, please enter your AC domain name or IP address, for example, demo.cassia.pro.
- Configure network settings from Networks tab

CONNECTION OPTIONS – The Cassia Bluetooth Router supports the following networking uplinks:

- Wired (Ethernet) you can set router to use a static IP address or DHCP
- Wireless (Wi-Fi) enter your Wi-Fi SSID and password, then click Save. The router will go offline briefly and then come back online.
- 3G/4G dongle Cassia currently supports two cellular dongles: ZTE MF823 in China and AT&T AirCard 313U in the US

Important: When two or more network connections are activated, you can set priority levels for the networks. By default, the priority is Wired > Wireless > Cellular (3G/4G).

Step Six – Upgrade the router

- Upload firmware image to AC
 - Navigate to Firmware on side navigation menu and click "Add from Local" button. See Figure 10 below.

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Cassia AP	× Cassia AP ×	🗅 Firmware 🛛 🗙			L - □ ×
	r				م مع
(?) Dashboard	 Get updates 				
✓ Statistics					
🗘 Routers					
Devices					
Locationing	Such alfala				
绞3 Settings					
© Firmware					second click
요 Admin	• Firmware				Add from local Delete
	Version	Size	Path	ReleaseTime	Log
	No items, please add a ne	ew one.			
					(7

Figure 10: Upload firmware to AC

- From there, select a firmware image from your PC and upload it to the AC.
- Use AC to upgrade router(s)
 - Navigate to Routers on side navigation menu, select the router(s) that need to be upgraded, and click the Upgrade button. See Figure 11.

🗳 Cassia loT Ad	ccess Controller ^{Beta}					💭 🞗 admin (i) Help
(?) Dashboard	Routers Groups: All	¥			Add Discover	Edit Delete Upgrade
∠ Statistics	# Name	IP	MAC	Model •	Version	Status
C Routers	1 SJ Lab Ben Home	67.180.185.215	CC:1B:E0:E0:BB:8C	S1000	1.12.10.10	offline
Devices	2 SILah Ben Bosch	73 189 79 61	CC+18+E0+E0+B4+08	\$1000	1 12 10 15	online
🗇 Мар		/5.105.75.01	CC.10.10.10.0A.00	01000	1.12.10.10	
ôj Settings	3 SJ Lab Cynthia Home	98.234.115.2	CC:1B:E0:E0:BB:60	S1000	1.12.10.15	online
Maintenance	4 SJ Lab Dave Home	69.181.82.35	CC:1B:E0:E0:BA:C0	S1000	1.12.10.15	online
₿ Admin						

Figure 11: Upgrade a router

From the text box, choose a Firmware version you want to upgrade to, then click OK. See figure 12 below.

	S1000 1.11.10.49 S1000 1.11.10.70 S1000 1.11.10.97 S1000 1.12.10.10 <u>S1000 1.12.10.15</u> X1000 1.0.3.201707221641
Firmware	
	Add o pow firmword

Figure 12: Select a firmware version and upgrade the router

• The AC will finish the upgrade for all of the routers you have selected.

For more questions, please contact support@cassianetworks.com.

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http://golfingnear.com Email search by domain

http://emailbydomain.com Auto manuals search

http://auto.somanuals.com TV manuals search

http://tv.somanuals.com