How to let PROFINET IO device has IP address at start up

1. Please connect PC and PROFINET IO device via Ethernet,

and don't connect PROFINET IO controller.



PROFINET IO Controller

2. Double click "PFN_Tool.exe"



3. PFN_Tool.exe version needs to be later than V1.33



4. Select "Set Permanent Name" and "Set Permanent IP"

etwoi	rk Devices : IP: 19	92.168.6.214 MAC: 9	4-DE-80-46-9E-C4 ()	Realtek PCIe GBE I	Family Controller)	
			Search St	art		
Live	List			⊠ S	et Permanent Name	🔽 Set Permanent I
	Туре	Name	IP	Mask	Gateway	Mac
	DEM 2055	pfn-2055qc	192.168.255.2	255.255.255.0	192.168.255.254	00:0D:E0:17:00:1C
	FFN-2000				0000	10.24.56.70.04.700
•	GW-7663	gw-7663	0.0.0.0	0.0.0.0	0.0.0.0	12:34:50:78:9A:BC

5. Click "Search Start"

etwor	tk Devices : IP: 19	92.168.6.214 MAC: 9	4-DE-80-46-9E-C4 (Realtek PCIe GBE I	Family Controller)	-
			Search St	eurt		
Live I	List			⊠ S	et Permanent Name	🔽 Set Permanent I
	Туре	Name	IP	Mask	Gateway	Mac
	PFN-2055	pfn-2055qc	192.168.255.2	255.255.255.0	192.168.255.254	00:0D:E0:17:00:1C
•	GW-7663	gw-7663	0.0.0	0.0.0.0	0.0.0	12:34:56:78:9A:BC
	PFN-2024		192.168.255.1	255.255.255.0	192.168.255.1	00:0D:E0:17:16:A2

6. Double click PROFINET IO device

etwor	k Devices :	IP: 19	2.168.6.214 MAC: 9	4-DE-80-46-9E-C4 ()	Realtek PCIe GBE I	Family Controller)	
				Search St	eurt		
Live I	List				🗹 S	et Permanent Name	🔽 Set Permanent II
	Туре		Name	IP	Mask	Gateway	Mac
	PEM-205	5	pfp-2055cc	192 168 255 2	255 255 255 0	192 169 255 254	00.00.80.17.00.10
۲	GW-766	3	gw-7663	0.0.0.0	0.0.0.0	0.0.0.0	12:34:56:78:9A:BC
	PFN-202	4	202	192.168.255.1	255.255.255.0	192.168.255.1	UU:UD:E0:17:16:A2

7. Key in IP address, Subnet Mask and Gateway, and then click

"Set"

Device Type : Device Name : IP Address :	GW-7663 gw-7663 0.0.0	
Subnet Mask : Gateway : Mac Address :	0.0.0.0 0.0.0.0 12:34:56:78:9A:BC	
Device Name C	onfigure	
Device Name :	gw-7663	Set
Network Config	gare	
IP Address :	0.0.0.0	
Subnet Mask 💠	0.0.0.0	
Gateway :	0.0.0.0	Set

8. Click "確定"

Device Informa	tion			
Device Type : Device Name : IP Address : Subnet Mask : Gateway : Mac Address :	GW-7663 gw-7663 0.0.0.0 0.0.0.0 0.0.0.0 12:34:56:78:9A:BC			
Device I _{Inforn} Device I	nation		×	et
Network IP Addr	Set 'network o	onfigure' sucess		
Subnet 1			-	
Gateway		確定	Se	et
			te? henrey	Him on

9. Close "Device Basic Configuration" window

Jevice Informa	tion	
Device Type : Device Name : P Address : Subnet Mask : Jateway : Mac Address :	GW-7663 gw-7663 192.168.6.125 255.255.0.0 192.168.6.125 12:34:56:78:9A:BC	
Device Name C	onfigure	
Device Name :	gw-7663	Set
Network Confis	gure	
dorwork Comig		
P Address :	192.168.6.125	
IP Address : Subnet Mask :	192.168.6.125 255.255.0.0	

10. Restart PROFINET IO device

11. Click "Search Start". PROFINET IO device has IP Address at

start up.

etwo:	ck Devices : IP: 192	.168.255.214 MAC: 9	4-DE-80-46-9E-C4	4 (Realtek PCIe GI	BE Family Controlle:	r)
			Search St	art		
/1Ve	List	Name	TP	Mack	Gateway	Mac
	SIMATIC-PC	laptop-Siagpqbk	172.17.12.35	255.240.0.0	172.18.0.254	04:D9:F5:00:94:23
	SIMATIC-PC		0000	0000	0000	6C·FN·49·AC·51·
		7662	100 160 6 105	255 255 0.0	102 169 6 125	12-24-56-70-04-DC
•	GW-7663	gw-7003	192.108.0.125	20.20.0.0	192.100.0.120	12.34.30.70.3A.DC