如何讓 PROFINET IO 設備上電時就有 IP

請將 PC 與 PROFINET IO 設備透過 Ethernet 連線,並
且 PROFINET IO 設備不要和 PROFINET 控制器(主站)
連線



2. 雙擊 PFN_Tool.exe



3. PFN_Tool.exe 版本需在 V1.33 以後



4. 勾選" Set Permanent Name"和" 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
		1181070	1.000		111222 045	1 Marcal
	Туре	Name	IP	Mask	Gateway	Mac
	Type PFN-2055	Name pfn-2055qc	IP 192.168.255.2	Mask 255.255.255.0	Gateway 192.168.255.254	Mac 00:0D:E0:17:00:1C
•	Туре РFN-2055 GW-7663	Name pfn-2055qc gw-7663	IP 192.168.255.2 0.0.0.0	Mask 255.255.255.0 0.0.0.0	Gateway 192.168.255.254 0.0.0.0	Mac 00:0D:E0:17:00:1C 12:34:56:78:9A:BC

5. 點擊 Search 搜尋 PROFINET IO 設備

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. 雙擊要設定的 PROFINET IO 設備

etworl	work Devices : IP: 192.168.6.214 MAC: 94-DE-80-46-9E-C4 (Realtek PCIe GBE Family Controller)				Family Controller)		
				Search St	art		
Live I	List				🗹 S	et Permanent Name	🖂 Set Permanent II
	Туре		Name	IP	Mask	Gateway	Mac
	PEM-205	5	pfp-2055cc	102 168 255 2	255 255 255 0	192 168 255 254	00.00.00.00.17.00.10
Þ	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		192.168.255.1	255.255.255.0	192.168.255.1	UU:UD:EU:17:16:A2

7. 輸入 IP、Mask、Gateway,然後點擊"Set"

Device Informat	ion	
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 Name Co	onfigure	
Device Name :	gw-7663	Set
Network Config	ure	
IP Address :	0.0.0.0]
Subnet Mask 💠	0.0.0.0]
Gateway :	0.0.0.0	Set
	<u>.</u>	

8. 點擊確定

Device Informat	ion and second			
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 Inform	lation		×	
Device I			Set	t
Network	Set 'network or	onfigure' sucess		
IP Addr 🛛 🔍		inigare success.		
Subnet 1		14		
Gateway	L	確定	Set	
		0.2		

9. 關閉" Device Basic Configuration" 視窗

Device Informa	tion	
Device Type : Device Name : P Address : Subnet Mask : Gateway : 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 Config	une	
PAddress :	192.168.6.125	
Subnet Mask 💠	255.255.0.0	
1210	192 168 6 125	Set

10.重啟 PROFINET IO 設備

11. 點擊" Search Start" 再次搜尋 PROFINET IO 設備。

PROFINET IO 設備已有 IP Address

etwo	rk Devices : IP: 192	.168.255.214 MAC: 9	4-DE-80-46-9E-C4	4 (Realtek PCIe GI	BE Family Controlle	r)
	T		Search St	art		
Live	List Туре	Name	IP	Mask	Gateway	Мас
	SIMATIC-PC	laptop-8iagpqbk	172.17.12.35	255.240.0.0	172.18.0.254	04:D9:F5:00:94:23
	SIMATIC-PC		0000	0000	0000	6C:FII:49:AC:51:
					Venue source a construction of	
	GW-7663	gw-7663	192.168.6.125	255.255.0.0	192.168.6.125	12:34:56:78:9A:B0