

Clean power for all



Contents Arial





SC500TL-V31 software update

IP주소 변경의 필요성

- SUNGROW PCS내부에는 2개의 LAN 포트(NET1, NET2)가 있으며 NET1 포트는 engineer가 현장 유지보수 시 사용하는 포트이며, NET2 포트는 EMS업체의 통신선이 연결되는 포트임
- NET1의 기본 IP는 192.168.0.100이며, NET2의 기본 IP는 192.168.13.127임
- EMS에서 PCS의 IP(NET2)로 192.168.0.x(3번째자리가 0)을 요구하는 경우, 필히 NET1의 기본 IP를 192.168.x.100(x는 0을 제외한 임의의 숫자이며, 1로 변경을 추천)로 변경해야 함 (NET2 IP와의 충돌 방지). 단, EMS에서 PCS의 IP(NET2)로 192.168.x.y(x는 0을 제외한 숫자)인 경우, NET1의 IP는 변경 불필요하며 NET2 IP만 원하는 값으로 변경하면 됨
- NET2의 IP를 EMS업체에서 요구하는 IP로 변경하면 IP 변경작업은 완료임

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IP주소 변경



- 다음 가이드는 EMS가 자사 PCS의 IP(NET2)를 192.168.0.32로 요구한 경우임 (NET1 IP 변경 필수)
- NET2 IP 확인 : 메인화면 > Function클릭 > 패스워드 1111 입력 > Network parameter

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IP주소 변경



• 상단이 NET1, 하단이 NET2 포트이며 최초 IP변경시에는 LAN선을 반드시 NET1에 연결 후 PC의 IP를 192.168.0.1로 변경

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IP주소 변경



• 인터넷 주소창에 192.168.0.100 입력 >> Username : maintain, Password : adamg1 >> 로그인

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IP주소 변경

UMOS	Intelligent unit	Monitoring Manag	gement Settings	Protocol Maintenance	Diagnosis			🙎 O&M user 🔌
	Port	DHIP	IÞ	Subnet	Gateway	DNS1	DN52	Operation
	ETH2	No 🔻	192.168.0.32	255.255.255.0	192.168.13.254	1.2.4.8	8.8.8.8	≥ Save
	ETH1	No 🔹	192.168.1.100	255.255.255.0	192.168.0.254	1.2.4.8	8.8.8.8	H Save
> ADC settings								

상단 Settings 메뉴 클릭 >> 좌측 Network settings 클릭 >> ETH1 IP 초기값 192.168.0.100 >> 192.168.1.100 변경 및 ETH2 IP에 EMS가 요구하는 값을 입력 (ex : 192.168.0.32) >> 우측 Save 클릭

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IP주소 변경

	Intelligent unit Monitoring Management Settings Protocol Maintenance Diagnosis	
Overview		
	Restart	
	* Configuration parameters are modified, the system must be reset after the entry into force:	
> Network settings	Timing restart 12:34:56	
> DI settings	Saus	
> DO settings		
> ADC settings	Restore factory settings	
- About		
- Rostart		
-> Upgrade		
> Template managem		
> Log		
> Factoricaptore		
A CARLES		
		and ENGON

• 좌측 Restart메뉴 클릭 >> 상단 Restart 클릭

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IP주소 변경

Dansider • Free outling • Source outling • Constructions • Constructions

• Yes 클릭



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SC500TL-V31 software update

Web IO update



• LAN선을 NET2포트에 결선

SC500TL-V31 software update

Web IO update

UMCG Intelligent unit	
Language English	
Password Codes	
Login Anonymous	

 인터넷 주소창에 ETH2 IP (ex : 192.168.0.32) 입력 후 Username : maintain, Password : adamg1 >> 로그인

SC500TL-V31 software update

Web IO update

UMCG	Intelligent unit Monitoring Management Settings Protocol Mainte	nance Diagnosis	
Overview			
Time settings	Upload system upgrade met.scu) : web_IO_UMCG-SC500-V31_V1_D_2018_12_5_15_20.scu	browse Confirm upgrade	
 Serial port settings 			
> Network settings			
> DI settings	and the second se		
> DO settings	Concernment of the second s		
> ADC settings	CONTRACTOR OF THE OWNER		
> About	Company of the Article of the Articl		
> Restart	Contraction of the second s		
> Upgrade			
> Template management			
	and the first of the low the second second second		
> Packetcapture	The second state of the second state of the second		

• 좌측 Upgrade메뉴 클릭>> browse 클릭 >> web_IO 파일 불러오기 >> Confirm upgrade 클릭

SC500TL-V31 software update

Web IO update

	Intelligent unit Monitoring Manageme	ent Settings Protocol Maintenance Diagnosis
Overview e settings	Upload system upgrade file(.scu) : File name : web_IO_UMCG-SC500-V31_V1_D_2018_12	browse Confirm upgrade
work settings		
settings settings		
C settings		Upgrade success ! please wait while restarting
og acketcapture		

• 업데이트 완료 후 자동으로 restart 확인



SC500TL-V31 software update

DSP update (MDSP)

UMCG Intelligent unit	
Language English Username user p Password Codes 2 p X k Login Anonymous	

• Username : maintain, Password : adamg1 >> 로그인

SC500TL-V31 software update

DSP update (MDSP)



 상단 Maintenance클릭 >> 좌측 Upgrade메뉴 클릭, browse클릭 >> MDSP 파일 불러오기 >> Upload 클릭

SC500TL-V31 software update

DSP update (MDSP)

	Firmware file	::		Bro	wse Upload	
faultwave data	Devices num	iber : 1 File	name : MDSP_SC500TL-V3	I_V1_D.sgu	Upgrade	
		No.	Device name	Comm. state	Current version	Target version
	2	1	SC500-DSP(1-1)	0	MDSP_SC500TL-V31_V1_B	MDSP_SCS00TL-V31_V1_D
Previous						
	10000					

• MDSP 파일 불러오기 완료 후 좌측 체크박스 체크 >> Upgrade 클릭

SC500TL-V31 software update

DSP update (MDSP)

Överview	Firmware file			Broy	vse Upload	
	-					
xport faultwave data	Devices num	ber : 1 File	name : MDSP_SC500TL-V31	I_V1_D.sgu	Upgrade	
	×.	No.	Device name	Comm. state	Current version	Target western
	×	1	SCS00-DSP(1-1)	Information Upgrade version number V31_V1_D, the upgrade interrupted, to determin	MDSP_SC500TL-V31_V1_B × er: MDSP_SC500TL- process can not be ne the upgrade? Cancle	Mil231

• Sure 클릭

SC500TL-V31 software update

DSP update (MDSP)

Overview	Firmware life :		Resure		
No.	Device name	Current version	Target version	Progress	Result
1	SC500-D/SP(1-1)	MDSP_SC500TL-V31_V1_B	MDSP_SC500TL-V31_V1_D	4 ±3%	
			9		

• Progress 진행상태 확인

SC500TL-V31 software update

DSP update (MDSP)

UMCG	Intellige	nt unit	Monitoring Manag	ement Settings	Protocol Maintenance Diagnosis		2 ORIM USER
Overview	Firmware fil	le :			Browse Upload		
> Export faultwave data	Devices nur	mber : 1	File name : MDSP_SC500TI	-V31_V1_D.sgu	Upgrade		
		No.	Device name	Comm. state	Current version	Target version	Result
		1	SC500-DSP(1-1)	Ð	MDSP_SC500TL-V31_V1_B	MDSP_SC500TL-V31_V1_D	0
					12		
					Q		
	1000						
	1.4 million		and the second second	and the second	the lot of the second second second		

• Result에 녹색 체크박스 확인 (정상적으로 소프트웨어 업데이트 완료)

SC500TL-V31 software update

DSP update (SDSP)

UMCG	Intelligen	it unit	Monitoring Manageme	ent Settings Protoco	Maintenance Diagnosis	
Overview	Firmware file		Contraction of the second	Bro	Upload	6
> Upgrade device	12/1					
> Export faultwave data	Devices num	nber:1 File	name : SDSP_SC500TL-V31_	_V1_D.sgu	Upgrade	
		No.	Device name	Comm. state	Current version	Target version
		1	SC 500-DSP(1-1)	0	SDSP_SC500TL-V31_V1_B	SDSP_SC5001_V11_V1_0

• SDSP 파일 불러오기 완료 후 좌측 체크박스 체크 >> Upgrade 클릭

SC500TL-V31 software update

DSP update (SDSP)

rade device	Firmware file			Brow	se, Upload		
ort faultwave data	Devices num	ber ; 1 File	name : SDSP_SC500TL-V31	V1_D.sgu			
		No.	Device name	Comm. state	Current version	Target version	
				Information Upgrade version number V31_V1_D, the upgrade p interrupted, to determine Surge	SDSP_SC500TL- process can not be the upgrade? Cancle	JDSF_S(SOUT)	

• Sure 클릭

SC500TL-V31 software update

DSP update (SDSP)

Upgrade	Firmware file :		Bernere		
No.	Device name	Current version	Target version	Progress	Result
1	SC500-DSP(1-1)	SDSP_SC500TL-V31_V1_8	SDSP_SC500TL-V31_V1_D	185%	
			D		

• Progress 진행상태 확인

SC500TL-V31 software update

DSP update (SDSP)

	Intellige	nt unit	Monitoring Manag	ement Settings	Protocol Maintenance Diagnosis		
Overview	Firmware fi	le :			Browse Upload		
> Export faultwave data	Devices nu	mber : 1	File name : SDSP_SC500TL	-V31_V1_D.sgu	Upgrade		
	*	No.	Device name	Comm. state	Current version	Target version	Result
	×.	1	SC500-DSP(1-1)	ð	SDSP_SCS00TL-V31_V1_8	SDSP_SC500TL-V31_V1_D	0
					D		
121612							

• Result에 녹색 체크박스 확인 (정상적으로 소프트웨어 업데이트 완료)



SC500TL-V31 software update

LCD update

	Intelligent unit	Monitoring Managemen	t Settings Pro	otocol Maintenance Diagnosis	
Overview	Firmware file :			Browse Upload	
stipgrade devices					
> Export faultwave data	Devices number : 1	File name : LCD_SCS00TL-V31_V1	L_C_M.sgu	Upgrade	
	V No.	Device name	Comm. state	Current version	Target version
	2 1	SC500 MeterPDC(1-1)	ð	LCD_SC500TL-V31_V1_B_M	LCD_SC500TL-V31_V1_C_M
	1.00				
				and the second	and the second second second second

• LCD 파일 불러오기 완료 후 좌측 체크박스 체크 >> Upgrade 클릭

SC500TL-V31 software update

LCD update

Overview	Firmware file	1.2		Bro	wse Upload		
rt faultwave data	Devices num	nber : 1 I	ile name : LCD_SCS00TL-V31_V	1_C_M.sgu	Upgrade		
		No.	Device name	Comm. state	Current version	Contraction of the Contraction	nTarget version
		1	SC500-MeterPDC(1-1)	A	LCD_SC500TL-V31_V1_B_M	LC	D_SCS00TLAVEL_VILLE
				Information	. ×		
					LOD COTANT		
				Upgrade version numb V31 V1 C M the upon	ade process can not be		
				interrupted, to determi	ine the upgrade?		
				I State	Consta		
				SULV	Callee		
	1000						

• Sure 클릭

SC500TL-V31 software update

LCD update

View	Firmware file :		Browne		
No.	Device name	Current version	Target version	Progress	Result
1	SC500-MeterPDC(1-1)	LCD_SC500TL-V31_V1_B_M	LCD_SCS00TL-V31_V1_C_M	1 2.7%	
			2		

• Progress 진행상태 확인

SC500TL-V31 software update

LCD update

UMCG	Intelliger	nt unif	Monitoring Manage	ement Settings	Protocol Maintenance Diagnosis		
Overview	Firmware fil	e ()			Browse		6
> Export faultwave data	Devices num	nber : 1	File name : LCD_SCS00TL-V3	31_V1_C_M.sgu	Upgrade		_
		No.	Device name	Comm. state	Current version	Target version	Result
		1	SC500-MeterPDC(1-1)	0	LCD_SCS00TL-V31_V1_B_M	LCD_SC500TL-V31_V1_C_M	0
					Þ		
8 / 8	8					9010-03-07-13-04	

• Result에 녹색 체크박스 확인 (정상적으로 소프트웨어 업데이트 완료)



SC500TL-V31 software update

Touch update - 준비사항

Removable Disk (E:)	Format Removable Disk (E:)
• Other (1)	Cagacity: 7.61 GB
坚果云 System Folder	Eile system FAT32 (Default) NTES FAT32 (Default) excal
	Restore <u>d</u> evice defaults Volume <u>l</u> abel
	Format options Ouick Format Create an MS-DOS startup disk
	Start <u>C</u> lose

• 8GB 이하 용량의 USB를 FAT32방식으로 포맷

SC500TL-V31 software update

Touch update - 준비사항



TOUCH_SC500TL 폴더의 파일들을 USB에 그림과 같이 복사
 (주의사항 – 폴더 내부의 파일들을 직접 드레그하여 위의 그림과 같이 USB에 복사해야 함)

SC500TL-V31 software update

Touch update



• Touch HMI 우측 USB포트에 기존의 USB를 제거하고 업데이트 파일이 담긴 USB를 연결

SC500TL-V31 software update

Touch update



• HMI 설치 화면이 나타나면 업데이트 클릭 후 업데이트 진행상태 확인

SC500TL-V31 software update

Touch update



• 업데이트 완료 >> Restart 클릭 후 USB 제거

THANK YOU!