

USHA Pro Firmware Upgrade

General information

1. To be able to perform firmware upgrading, the SNMP/Web card must be connected to the same network as the PC, which is executing this upgrade tool.

2. Check the TFTP Upgrade Control is enabled in the SNMP/Web card control menu. 3. You must have the login account and password with administrator authority.

To perform firmware upgrade, use the **Upgrade.exe** program.

- **UPS List:** Displays the address of the USHA present in the local network.
- **Discover:** Search for the USHA on the local network.
- **Browse:** Lets you open default browser to browse SNMP/Web card.
- Add: Lets you add the IP address of a SNMP/Web card to the UPS list manually.
- **Remove:** Lets you remove the IP address of a SNMP/Web card to the UPS list manually.
- **Modify:** lets you modify the parameters of the SNMP/Web card selected in the UPS list.
- **Upgrade:** Sends the program loaded with the open button to the selected SNMP/Web card of the UPS List.
- **Open:** Open and load the new image file for upgrade.
- Quit: Exit the program

IP Address	Mac Address	Version	Account	Password	Card	
		6				
		Browse	Add	Modify	Remove	Discover
mage Inform	nation					
/ersion No.	Dat	e Code		File Size		Upgrade



Network Upgrade Procedure

- 1. Launch Upgrade.exe then Discover button.
- 2. Wait a moment, it'll found SNMP/Web card. (If it can discover, please skip step 5)

🌱 Upgrade USHA I	Jpgrade Utility ¥4.02	Ŭ.			
Network Upgrade					
UPS List					
IP Address	Mac Address	Version	Account	Password	Card
6 192.168.61.40	00-e0-d8-09-88-04	4.20	admin		Web Card
	Browse		<u>M</u> odify	Remove	Discover
_Image Information					
Version No.	Date Code		File Size		Upgrade
File Name					Open
		Quit			

3. Select one then press modify button and then enter account and password.

IP Address	M	(a e la e	Password	Card
6 192.168.61.40	00-е ^{),}	fodify		××××	Web Card
		IP Address :	192.168.61.40		
<		<u>A</u> ccount :	USHA]) >
		<u>P</u> assword :	****	<u>R</u> emove	Discover
mage Information					
			Concerned 1		L la michales



- 4. If press Discover button can't found any SNMP/WEB card, please press Add button.
- 5. Please enter IP Address, Username and Password and then press "OK" button.

🥤 Upgrade U	SHA Upgrade	Utility ¥4.02		
Network Upgrad	de Serial Up	grade		1
IP Address	Mac Address	Add	Card	
Image Inform Version No. File Name	ation [IP Address : 192.168.61.40 Account : USHA Password : ***** QK Cancel	Remove	Discover Upgrade Open
		Quit		

6. Press Open button and load image file for upgrade.

Network (USHA Upgrade Utility ¥4.02 Jpgrade	
UPS Lis	開督 搜尋位置(): È Final ▼ ← î 許 Ⅲ▼ ■USHA∨400_BIN ■ USHA∨400_flash.BIN	Card
- Image I Versior File Nari	檔案名稱(M): USHA∨420.BIN 開啓(O) 檔案類型(I): Binary Files(*.bin) ▼ 取消	cover grade
	Quit	



7. Choice and then press Upgrade button.

Upgrade USHA	Upgrade Utility ¥4.02				
etwork Upgrade					
UPS List					292
IP Address	Mac Address	Version	Account	Password	Card
C 192.168.61.40	00-e0-d8-09-88-04	4.20	AlphaLink	****	Web Car
<					
	Browse	Add	Modify	Remove	Discover
Image Information	<u></u>				
Version No. V4.2	Date Code Apr.	16, 2004	File Size 8	56,144	Upgrade
File Name D:\M	lyDocuments\FW\4.X\v4.	20\Final\ALP	/420.BIN		Open
		Quit			

8. Press "Yes" button.

UPS List			8		8
IP Address	Mac Address	Version	Account	Password	Card
🤁 192.168.6 <mark>Пре</mark> т	ade Confirmation				Web Card
9	WARNING !!				
9	The following UPS	(s) might have con	ncern(s) of versio	n control !!	
<	UPS 192.168.61.40	, identical version	n 4.20		
	Do you want to upg	grade the UPS(s) r	egardless of the v	ersion check ?	Discover
			E 245		
mage Infor	!	進疋			
Version No. 7V4.2	20 Date Code A	pr. 16, 2004	File Size	856,144	Upgrade
File Name D:\\	NDocuments\F\A\\4.X	\v4.20\Einal\Al	Pv420.BIN		Open



9. Upgrade in progress.

	Mac Address	Version	Account	Password	Card
1 192.168.61.40	00-e0-d8-09-88-04	4.20	AlphaLink	xxxx	Web Card
	Upgradin	ıg			
<	192.16	3.61.40			>
		8%	(<u>R</u> emove	Discover
mage Information		\mathbf{k}			10
	Date Code	vr 16 2004	File Size	856 144	Lingrado

10. Press "OK" button.

🕈 Upgrade USHA U	pgrade Utility ¥4.02				2
Network Upgrade					
UPS List					
IP Address	Mac Address	Version	Account	Password	Card
6 192.168.61.40	00-e0-d8-09-88-04	4.20	AlphaLink	****	Web Card
<	Upgrad Upgrad	le Informa SUMMAR 192.168.6	tion 🔀 Y: 1.40 OK.		
-Image Information -		[確定] lify	<u>R</u> emove	
Version No. V4.20	Date Code Ap	or. 16, 2004	File Size	856,144	Upgrade
File Name D:\My	Documents\FW\4.X\	v4.20\Final\/	ALPv420.BIN		<u>O</u> pen
		Quit			

11. Upgrade has been finished.



Serial Upgrade Procedure

1. Set DIP Switch as 1 On, 2 Off and connect the COM port. (Amber LED of COM is flashing)



Diagram of Front Panel



Diagram of Back Panel



2. Enter upgrade -s in command prompt. (If you upgrade.exe put in E:\)





3. It's produce serial Upgrade page.

Upgrade U	SHA Upgrade U	tility ¥4.02				
letwork Upgra	ide Serial Upgr	ade				
UPS List						
IP Address	Mac Address	Version	Account	Password	Card	
		Browse	Add	Modify	Remove	Discover
		in an				
Image Inform	iation	- Cada [cila cira E		1
Version No.	Dat	e Code		File Size		Upgrade
File Name						Open
			Quit			

4. Select Serial Upgrade page and press "Discover" button. (If you can found, please skip step6)

🍸 Upgrade US	HA Upgrade U	tility ¥4.02				
Network Upgrac	le Serial Upgr	rade				
Ups List (Seria	D					
COM Port	Version	Card				
				Add	Remove	Discover
Imaga Informa	ation					
Version No.	Dat	te Code		File Size		Upgrade
File Name						Open
			Quit			



5. Looking for UPS.

os List Serial COM Port	Version	Card			
СОМ1	4.20	Ingrasys			
	Disc	over Serial			
		🕣 Looking for UF	°S, please wait		
	(99 Looking for UF	°S, please wait		
	e	Looking for UF	PS, please wait	2em k e	Discove
	(Looking for UF	°S, please wait cel	šem k je	Discove
iage Informa	etion	Looking for UF	°S, please wait cel	semke	
iage Informa ersion No. [ation Da	Looking for UF	PS, please wait cel File Siz	ze	Discove

6. Press "Add" button, and select COM Port. (If you can't discover one.)

🍸 Upgrade U	SHA Upgrade U	Itility ¥4.02			
Network Upgrad	de Serial Upg	rade			
Ups List (Seria	al)				
COM Port	Version	Card			
		Add Serial			
-Image Inform	ation	Select COI	M Port: COM1 COM1 COM2 COM3 Caricer	Remove	Discover
Version No.	Da	te Code	File Size		Upgrade
File Name					Open
			Quit		



💕 Upgrade	USHA Upgrade Utility V4.0:	2			_ _ ×
Ups List	Jpgrade Serial Opgrade 周啓			?	×
	搜尋位置①: C Final IIIUSHAv400.BIN IIIIUSHAv400_flash.BIN C			È ∰ III •	cover
-Image I Versior File Nar	檔案名稱(M): 檔案類型(I): Binary Files(*.bin) ne		•	開啓(O) 取消	grade pen
		Quit			

7. Press Open button and load image file for upgrade

8. Ready to upgrade, then press button of upgrade.

🎁 Upgrade	USHA Upgrade	Jtility ¥4.02				
Network Upgr	ade Serial Upg	rade				
Ups List Ser	ial (1 unit) ——					
COM Port	Version	Card				
COM1	4.20	Ingrasys				
				m	201	
				Add	<u>R</u> emove	Discover
-Image Infor	mation					
Version No.	V4.20 Da	te Code Apr.	16, 2004	File Size	356,144	Upgrade
File Name	D:\MyDocumer	nts\FW\4.X\v4	.20\Final\ALP	v420.BIN		Open
			Quit			



9. Press "Yes" button

Upgrade 1	USHA Upgrad	le Otility ¥4.02		
Upo Liet Cori	al /1 upit)	pgrade		
Ops List Seri	ai (I unit)	[1	
COM Port	Version	Card		
CUM1	Upgrade -	- Confirmation	X	
	2	WARNING !! The following UPS(Are you sure to upg	(s) might have concern(s) of version control !! grade ? 王王王王王王王王王王王王王王王王王王王王王王王王王王王王王王王王王王王王	Discover
Version No.	V4.20	Date Code Apr	. 16, 2004 File Size 856,144	Upgrade
File Name	D:\MyDocur	ments\FW\4.X\v4	I.20\Final\ALPv420.BIN	<u>O</u> pen
			Quit	

10. Serial Upgrade in progress.

ps List Seria	l (1 unit) ——				
COM Port	Version	Card	6		
COM1	4.20	Ingrasys			
		Upgrading			
		COM1	207		
			∂ 3%	Remove	Discover
mage Inform	ation			16 X	0
/ersion No. [V4.20 Da	ite Code Apr.	16, 2004 File Siz	e 856,144	Upgrade
ile Name	D:\MyDocume	nts\FW\4.X\v4	20\Final\ALPv420.BIN		Open



11. Serial upgrade has been finished.

ops List Seria			1	
CUM Port	Version	Lard Ingrasus		
			JMMARY: OM1 OK. ease set DIP-1 switch to OFF.	Remove Discover
mage Inform Version No.	ation V4.20 Da	ate Code Apr	· 16, 2004 File Size 856	,144 Upgrade

12. After upgrade finished, please set DIP Switch 1 Off, 2 Off. (SNMP/WEB card will restart)