National Enhance Technology Corp.

Xmodem Firmware Update

Prepared By: Henry Date Prepared: September 19, 2008 This is the following procedure for Xmodem firmware update:

- Connect the RS-232C or serial cable from PC to VDSL IP DSLAM and run the "Hyperterminal" program. At the "Program->Accessories->Communications->HyperTerminal".
- 2. Enter a name and choose an icon for the connection.

Connection Description	? 🗙
New Connection	
Enter a name and choose an icon for the connection: Name:	
loop:	
	🎘
ОК С	ancel

3. Set the bits per second to "9600", Data bits to "8", Parity to "None", Stop bits to "1" and Flow control to "None".

Connect To
NVF-800S
Enter details for the phone number that you want to dial:
Country/region: United States of America(1)
Area code: 02
Phone number:
Connect using: COM1
OK Cancel

COM1 Properties	? 🛛
Port Settings	
Bits per second:	9600
Data kita i	
Data bits :	8
Parity:	None
Stop bits:	1
Flow control:	None
	Rectore Defaulte
ОК	Cancel Apply

 After setting the baud rate and press "Enter", you will find the login window on the screen, then enter Default Login Name: "admin"; Password: "123"

	User Interface
Intelligent	8 + 2G VDSL IP DSLAM
u	sername:admin
p	assword:***_

5. Reboot the VDSL IP DSLAM. When the window shows "Press X key to start Xmodem receiver", press X key to setup Xmodem..



6. Press "Disconnect" and then go to HyperTerminal properties button to set "bits per second" at "57600".

COM1 Properties		? 🔀
Port Settings		
Bits per second:	57600 🗸 🗸	
Data bits:	8	
Parity:	None	
Stop bits:	1	
Flow control:	None	
	Restore Defaults	
ОК	Cancel App	ly

7. Press "Call" and click "transfer" and "send file", then choose the correct filename e.g. image.bin to be put in the filename field and set the protocol to "Xmodem".

Send File	? 🛛
Folder: D:\Firmware	
Filename:	
D:\Firmware\NVF800_C9.bin	Browse
Protocol:	
Xmodem	~
Send	Close Cancel

8. Click "Send" Button and begin transferring file to VDSL IP DSLAM.

Xmodem	file send for 9600
Sending:	D:\Firmware\NVF-800S interleave firmware\800_C9n.bin
Packet:	118 Error Checking: CRC
Retries:	0 Total Retries: 0
Last Error:	
File:	■ 14K / 512K
Elapsed:	00:00:11 Remaining: 00:06:42 Throughput: 1268 cps
	CPS/BPS(C)

9. After transfer complete. Click the disconnect button.

10.Set the baud rate back to 9600 at the settings of properties.

11.Please click "Call" button to complete the procedure.

User Interface
Intelligent 8 + 26 VDSL IP DSLAM
username:admin
password:***_