



Firmware Release Note

P791R

Standard version

Release 3.40(BT.1)C0

Date:	June 13, 2003
Author:	Allen Chiang

ZyXEL P791R Standard Version release 3.40(BT.1)C0 Release Note

Date: June 13 2003

Supported Platforms:

ZyXEL P791R

Versions:

ZyNOS F/W Version : V3.40(BT.1) | 6/13/2003 13:31:27
BootBase : V1.11 | 3/4/2003 10:26:13

Notes:

Support Globespan modem code R1.5.

Known Issues:

Dial backup is not ready in web GUI.

Features:

Modifications in V 3.40(BT.1)C0 | 6/13/2003

1. Change FCS version.

Modifications in V 3.40(BT.1)b1 | 6/12/2003

1. [FEATURE CHANGED] Modify the diagnostic items after wizard setup.
2. [BUG FIXED]
Symptom: The back button does not work in wizard page.
Condition: The back button does not work in wizard page.
3. [BUG FIXED]
Symptom: "Reset DSL line" button does not work in the diagnostic page.
Condition: "Reset DSL line" button does not work in the diagnostic page.
4. [BUG FIXED]
Symptom: Can't configure dial backup parameters in AUX mode.
Condition: When console port switch to AUX mode, users can't configure dial backup parameters via Telnet function.

Modifications in V 3.40(BT.0)C0 | 5/23/2003

1. Change FCS version.

Modifications in V 3.40(BT.0)b2 | 5/20/2003

1. [FEATURE CHANGED]
Support dial backup feature. Modify SMT menu 2 and the last remote node in SMT menu 11 for dial backup.
2. [FEATURE CHANGED]
Enhance web help pages.
3. [FEATURE CHANGED]
Modify “Rate Enable” into “Rate Adaption” in the wizard page.
4. [FEATURE CHANGED]
Change the blinking frequency for LAN Led.
5. [BUG FIXED]
Symptom: When the system enable routing and bridge in menu 1 and enable bridge in menu 11, the system will discard the packets in the downstream direction.
Condition: When the system enable routing and bridge in menu 1 and enable bridge in menu 11, the system will discard the packets in the downstream direction.

Modifications in V 3.40(BT.0)b1 | 4/18/2003

1. [FEATURE CHANGED]
Support Globespan modem code R1.5.

Annex A CI Command List

Command Class List Table		
System Related Command	Exit Command	Ethernet Related Command
WAN Related Command	IP Related Command	Bridge Related Command
XDSL Related Command		

System Related Command				Home
Command				Description
sys				
	adjtime			retrive date and time from Internet
	atsh			display MRD field
	callhist			
	display			display call history
	remove	<index>		remove entry from call history
	countrycode	[countrycode]		set country code
	date	[year month date]		set/display date
	domainname			display domain name
	edit	<filename>		edit a text file
	extraphnum			maintain extra phone numbers for outcalls
	add	<set 1-3> <1st phone num> [2nd phone num]		add extra phone numbers
	display			display extra phone numbers
	node	<num>		set all extend phone number to remote node <num>
	remove	<set 1-3>		remove extra phone numbers
	reset			reset flag and mask

	feature			display feature bit
	hostname		[hostname]	display system hostname
	log			
		clear		clear log error
		disp		display log error
		online	[on off]	turn on/off error log online display
	stdio		[second]	change terminal timeout value
	time		[hour [min [sec]]]	display/set system time
	treddisp	parse, brief, disp		monitor packets
	syslog			
		server	[destIP]	set syslog server IP address
		facility	<FacilityNo>	set syslog facility
		type	[type]	set/display syslog type flag
		mode	[on off]	set syslog mode
	version			display RAS code and driver version
	view		<filename>	view a text file
	wdog			
		switch	[on off]	set on/off wdog
		cnt	[value]	display watchdog counts value: 0-34463
	romreset			restore default romfile
	socket			display system socket information
	ddns			
		debug	<level>	enable/disable ddns service
		display	<iface name>	display ddns information
		restart	<iface name>	restart ddns
		logout	<iface name>	logout ddns
	cpu			
		display		display CPU utilization
	xmodemmode	[crc checksum]		select xmodem mode

Exit Command

[Home](#)

Command				Description
exit				exit smt menu

Ethernet Related Command

[Home](#)

Command				Description
ether				
	config			display LAN configuration information
	driver			
		Cnt		
			disp <name>	display ether driver counters
		Status	<ch_name>	see LAN status
		config	[0 1=auto normal] [0 1=10 100] [0 1=HD FD] <ch-name>	Configure LAN Settings Auto/Normal, 100/10 Mbps, Half/Full Duplex
	version			see ethernet device type

WAN Related Command

[Home](#)

Command				Description
Wan	atm	test	[fix rand period oam loopback]	Generate ATM traffic
	hwsar	Disp		Display hwsar packets incoming/outgoing information
		Clear		Clear hwsar packets information
		Sendoam		Send OAM packets: <vpi> <vci> <f5>

			<end-to-end> <type:0(AIS) 1(RDI) 2(LoopBack)>
--	--	--	---

IP Related Command

[Home](#)

Command				Description
ip				
	address		[addr]	display host ip address
	alias		<iface>	alias iface
	aliasdis		<0 1>	disable alias
	arp			
		status	<iface>	display ip arp status
	dhcp		<iface>	
		client		
			release	release DHCP client IP
			renew	renew DHCP client IP
		status	[option]	show dhcp status
	dns			
		query		
		stats		
			clear	clear dns statistics
			disp	display dns statistics
	icmp			
		status		display icmp statistic counter
		discovery	<iface> [on off]	set icmp router discovery flag
	ifconfig		[iface] [ipaddr] [broadcast <addr> mtu <value> dynamic]	configure network interface
	ping		<hostid>	ping remote host
	route			
		status	[if]	display routing table
		add	<dest_addr default>[/<bits>] <gateway> [<metric>]	add route
		addiface	<dest_addr default>[/<bits>] <gateway> [<metric>]	add an entry to the routing table to iface
		addprivate	<dest_addr default>[/<bits>] <gateway> [<metric>]	add private route
		drop	<host addr> [/<bits>]	drop a route
	status			display ip statistic counters
	udp			
		status		display udp status
	tcp			
		status	[tcb] [<interval>]	display TCP statistic counters
	xparent			
		join	<iface1> [<iface2>]	join iface2 to iface1 group
		break	<iface>	break iface to leave ipxparent group
	igmp			
		debug	[level]	set igmp debug level
		forwardall	[on off]	turn on/off igmp forward to all interfaces flag
		querier	[on off]	turn on/off igmp stop query flag
		iface		
			<iface> grouptm <timeout>	set igmp group timeout
			<iface> interval <interval>	set igmp query interval
			<iface> join <group>	join a group on iface
			<iface> leave <group>	leave a group on iface
			<iface> query	send query on iface

			<iface> rsptime [time]	set igmp response time
			<iface> start	turn on of igmp on iface
			<iface> stop	turn off of igmp on iface
			<iface> ttl <threshold>	set ttl threshold
			<iface> v1compat [on/off]	turn on/off v1compat on iface
		robustness	<num>	set igmp robustness variable
		status		dump igmp status

Bridge Related Command

[Home](#)

Command				Description
bridge				
	cnt			related to bridge routing statistic table
		disp		display bridge route counter
		clear		clear bridge route counter
	stat			related to bridge packet statistic table
		disp		display bridge route packet counter
		clear		clear bridge route packet counter

XDSL Related Command

[Home](#)

Command				Description
xdsl				
	state			display XDSL status about physical layer
	restart			restart XDSL driver
	cnt	disp		display xdsl error counter
		clear		clear xdsl error counter