



**Firmware Release Note**

**Prestige 650M-31**

**Standard version**

**Release 3.40(KJ.0)C0**

**Date:**  
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**Mar. 4, 2003**  
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# **ZyXEL Prestige 650M-31 Standard Version release 3.40(KJ.0)C0 Release Note**

**Date:** Mar. 4, 2003

## **Supported Platforms:**

ZyXEL Prestige 650M-31

## **Versions:**

ZyNOS F/W Version: V3.40(KJ.0) | 3/4/2003 8:11:12

Bootbase Version: V1.06 | 12/24/2002 11:12:48

## **Notes:**

## **Known Issues:**

## **[CI Command List:](#)**

## **Features:**

### **Modification in 3.40(KJ.0)C0 | 3/4/2003**

1. Change the FCS firmware version.

### **Modification in 3.40(KJ.0)b2 | 2/20/2003**

1. [BUG FIXED]

Symptom: Video pixel issue on the downstream.

Condition: When transmitting heavy video downstream and concurrent ftp upstream traffic, downstream packets are delayed every 3 – 5 minutes. Optimize the downstream and upstream priority to solve the delay problem.

2. [BUG FIXED]

Symptom: Downstream Packet lost at long loop distance.

Condition: Near-end CRC errors cause downstream Packet lost. Strong TX power may impact RX signal. Low down 1 db for the TX gain to solve this problem, change the default TX gain “0xfe” in the romfile.

### **Modification in 3.40(KJ.0)b1 | 1/2/2003**

1. Create this project.

## CI Command List

Command Class List Table		
<a href="#">System Related Command</a>	<a href="#">Exit Command</a>	<a href="#">Ethernet Related Command</a>
<a href="#">IP Related Command</a>	<a href="#">Bridge Related Command</a>	

### System Related Command

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Command				Description
Sys				
	adjtime			retrive date and time from Internet
	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
	Cpu			
		display		display CPU utilization

## 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
	version			see ethernet device type

## IP Related Command

[home](#)

Command				Description
ip				
	address		[addr]	display host ip address
	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

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