

# P871H Standard

## Firmware 3.50(RF.5)C0 Release Note

**Date:** Nov 23, 2006

### **Version:**

ZyNOS version : V3.50(RF.5) | 11/23/2006 16:00:19  
bootbase version : V1.02 | 06/15/2005 18:36:06  
Vendor Name : ZyXEL  
Product Model : P871H  
MAC Address : 001349000001  
Default Country Code : FF  
Boot Module Debug Flag : 01  
RomFile Version : 7B  
RomFile Checksum : 41b9  
ZyNOS Checksum : d0e4  
Core Checksum : fdcf  
SNMP MIB level & OID : 060102030405060708091011121314151617181920  
Main Feature Bits : C0  
Other Feature Bits :  
D9 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
00 00 00 00 00 00 00 00 00 00 00 00 13 00 00 00

### **New Hardware Changes:**

None.

### **New Feature Changes:**

#### **Modification in V 3.50(RF. 5 ) | 11 /23 /2006**

1. Change to FCS version.

#### **Modification in V 3.50(RF. 5 )b1 | 10 /24 /2006**

1. Modify 6996M smart discard feature to keep High priority queue have enough upstream data transmit rate.
2. Modify 6996M upstream speed to keep High priority queue have enough upstream data transmit rate.

#### **Modification in V 3.50(RF. 4 )C0 | 0 9 /20 /2006**

1. change to FCS version

#### **Modification in V 3.50(RF. 4 )b 1 | 0 9 /0 1 /2006**

1. change to version 3.50(RF.4)b1
2. Support Ethernet chipset AD version
3. remove HTP EMI test.item.
4. modem code is VDSL1 1.0.4r11

This firmware is the 5th release of P871H. Web pages are added to the product. For the new features and bug fixed status, please refer to the following table:

Category	Type	Feature	Status
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VDSL	Modem Code	Version	1.0.4r11
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### **Bug Fixed:**

Please check SPR system.

### **Known Problem:**

None.

### **CLI Commands:**

Configuration commands				
sys	password	<password>		Set new password
	romreset			Load default rom file
config	save			Save configuration
System commands				
ip	igmpsnoop	<enable disable>		Enable or disable IGMP Snooping
		unknown-mcast	<drop forward>	Operation for un-known multicast
	set	<if_name>	<static   dhcp> [<ip_addr [<gateway>] </bits>] ay>]]	Set IP operation
Switch commands: The following commands are under “ <b>sys sw</b> “				
port	enable	<port>		Set switch port to enable
	disable	<port>		Set switch port to disable
	speed	<port>	<auto   10H   10F   100H   100F>	Set switch port speed
	flowctrl	<port>	<0   1>	Set switch port flow control
	status			Show the status of switch ports
qos	defpri	<port>	[<0..7>]	set the default ingress User Priority for this port <port>.
	map	<0..7>	[<queue>]	User Priority to Traffic Class mapping.
vlan1	port	status	<port>	show port <port> VLAN information.
q		defaultVID	<port> <VID>	set defaultVID<VID> of this port<port>.
	svlan			
		setentry	<VID> <port>	set static entry.<VID>
		delentry	<VID>	delete static entry<VID>
		list		show the static entry table.
		cpu	<VLAN ID>	
	vlan	list	<all vid start_vid end_vid>	Show vlan1q current table.
vlan	type	<port-based  802.1q>		Set current vlan type.
	status			Show current vlan status
	set	<incoming port>	<outgoing port>	Set port-based vlan
	clear	<incoming port>	<outgoing port>	Clear port-based vlan
mac	ageSet			Set aging timeout
	ageVie			Show aging timeout

w			List Mac address
list			
bmstorm			Broadcast Storm Control
disable			Clear current run-time settings
display			Display setting
enable	<threshold(0 1 2 3)		Threshold level: (# of pkt) can be passed in the interval

VDSL command			
vdsl	port	clrcntr	Clear port counter
		counter	Display VDSL counter
		snr	Display SNR margin
		speed	Display vdsl rate
		status	Display DSL state machine
	ptmf	config	Display ptmf configuration
		counter	Display ptmf counter
		clrcntr	Clear ptmf counters
	version		Display modem version