

# P-871H

## Firmware 3.50(RF.4)C0 Release Note

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**Date:** Sep 20, 2006

### **Version:**

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ZyNOS version : V3.50(RF.4) | 09/20/2006 14:39:21  
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 : 756a  
Core Checksum : 2f0d  
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:**

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None.

### **New Feature Changes:**

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#### **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   |
|----------|------------|---------|----------|
| VDSL     | Modem Code | Version | 1.0.4r11 |

### **Bug Fixed:**

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Please check SPR system.

### **Known Problem:**

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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<br>>[</bits>] ay>]]                     |
| Set IP operation  |             |                         |                                       |   |
| Switch commands: The following commands are under “sys sw “ |             |                         |                                       |   |
| port  | enable      | <port>                  |                                       | Set switch port to enable                                   |
|   | disable     | <port>                  |                                       | Set switch port to disable                                  |
|   | speed       | <port>                  | <auto   10H<br> 10F   100H  <br>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>                                | set defaultVID<VID> of this port<port>.                     |
|   | svlan       |                         |                                       |   |
|   |             | setentry                | <VID>                                 | 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 <br>802.1q> |                                       | Set current vlan type.                                      |
|   | status      |                         |                                       | Show current vlan status                                    |
|   | set         | <incoming<br>port>      | <outgoing port>                       | Set port-based vlan   |
|   | clear       | <incoming<br>port>      | <outgoing port>                       | Clear port-based vlan                                       |
| mac   | ageSet      |                         |                                       | Set aging timeout   |
|   | ageVie<br>w |                         |                                       | Show aging timeout  |
|   | list        |                         |                                       | List Mac address  |
| bmst<br>orm   |             |                         |                                       | Broadcast Storm Control                                     |
|   | disable     |                         |                                       | Clear current run-time settings                             |
|   | display     |                         |                                       | Display setting   |
|   | enable      | <threshold(0<br> 1 2 3) |                                       | Threshold level: (# of pkt) can be passed in the interval   |

| VDSL command |      |         |                            |
|--------------|------|---------|----------------------------|
| vdsl         | port | clrctr  | 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       |
|              |      | clrctr  | Clear ptmf counters        |
| version      |      |         | Display modem version      |