

# ZyXEL GS-4024 V3.60(LL.0)

## Release Note/Manual Supplement

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**Date:** Mar 24, 2005

This document describes the features in the GS-4024 product for its 3.60(LL.0) release.

### ***Support Platforms:***

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ZyXEL GS-4024 V3.60(LL.0) supports models: Dimension GS-4024

### ***Version:***

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ZyNOS version: V3.60(LL.0) | 03/24/2005 13:49:28

bootbase version: V3.0 | 04/06/2005 18:05:30

### ***Known Issue:***

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1. None

### ***Bug fix:***

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1. Please refer to SPR bug fix ( <http://spr.zyxel.com.tw/> )

### ***Features:***

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Features:

1. 24 ports Auto MDI/MDI-X 100/1000Mbps compliant with IEEE802.3u/x/ad
2. 4 ports Mini GBIC 1000Mbps compliant with IEEE802.3x/ab
3. 16K layer2 MAC addresses table
4. 8K IP address table
5. Support 1MB on-chip packet buffer.
6. 802.1D transparent bridging
7. Port-based VLAN
8. IEEE 802.1Q tag-based VLAN
9. IGMP snooping
10. MAC filtering
11. Management through console, telnet, SNMP or web management
12. Firmware upgrade by FTP
13. Configuration saving and retrieving
14. Overheat detection
15. LED indications for link status
16. External power backup for internal power module failure
17. 9K jumbo frame
18. Filtering/Mirroring by L2/L3/L4 rules
19. Bandwidth control by L2/L3/L4 rules
20. Egress traffic shaping per port
21. Private VLAN for port isolation
22. SSH v1 and v2
23. SSL

## ***Firmware Upgrade:***

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The GS-4024 uses FTP to upgrade firmware in run-time through its built-in FTP server. You can use any FTP client (for example, [ftp.exe](#) in Windows) to upgrade GS-4024. The upgrade procedure is as follows:

### **Upgrade GS-4024 FW:**

```
C:\> ftp <GS-4024 IP address>
User : admin
Password: 1234
230 Logged in
ftp> put 360LL0b2.bin ras
ftp> bye
```

Where

- User name : the management user name, admin by default
- Password : the management password, 1234 by default
- 360LL0b2.bin : the name of firmware file you want to upgrade
- ras : the internal firmware name in GS-4024

***Command Line:***

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Please refer to additional Excel files in GS\_cli.zip