

# ZyXEL GS-2024 V3.50(LT.1)C0

## Release Note/Manual Supplement

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**Date:** June 7, 2005

This document describes the features in the GS-2024 product for its 3.50(LT.1)C0 release.

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

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ZyXEL GS-2024 V3.50(LT.1)C0 supports models: Dimension GS-2024

### ***Version:***

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ZyNOS version: V3.50(LT.1) | 06/07/2005 13:55:28

bootbase version: V0.7 | 06/09/2005

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

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1. Don't suggest setting GS-2024 as the root bridge while enabling RSTP.
2. It may get the double limitation rate if enable bandwidth control with flow control scheme.
3. It may not send out the pause frame in unicast traffic congestion.

### ***Bug Fix:***

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1. Fix the problem that when transmitting 1000Mbps to 100Mbps, the data rate is bad.

### ***Features:***

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1. 24 ports Auto MDI/MDI-X 100/1000Mbps compliant with IEEE802.3u/x/ab
2. 8K layer2 MAC addresses table
3. Port-based VLAN
4. IEEE 802.1Q tag-based VLAN
5. Support 802.3x/ad
6. IGMP snooping
7. Management through console, telnet, SNMP or web management
8. Firmware upgrade by FTP or HTTP
9. Clustering management

***Manufacture Related Data:***

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```
ZyNOS Version      : V3.50(LT.1) | 06/07/2005 13:55:28
Bootbase Version   : V0.7 | 06/09/2005 16:44:26
Vendor Name        : ZyXEL Communications Corp.
Product Model      : GS-2024
ZyNOS Code Model    : GS-2024
HTP Code Model     : Unknown
ZyNOS ROM address  : 50080000
System Type        : 10
MAC Address        : 001349000001
Default Country Code : FF
Boot Module Debug Flag : 01
RomFile Version    : 3E
RomFile Checksum   : 5d3b
ZyNOS Checksum     : 4e67
SNMP MIB level & OID :
060102030405060708091011121314151617181920
Main Feature Bits   : C0
Other Feature Bits  :
      B8 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 41 13 00 00 00
```

## ***Firmware Upgrade:***

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The GS-2024 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-2024. The upgrade procedure is as follows:

### **Upgrade GS-2024 FW:**

```
C:\> ftp <GS-2024 IP address>
User : <Enter>
Password: 1234
230 Logged in
ftp> put 350LT1C0.bin ras
ftp> bye
```

Where

- User name : just press <Enter>
- Password : the management password, 1234 by default
- 350LT1C0.bin : the name of firmware file you want to upgrade
- ras : the internal firmware name in GS-2024

## ***Configuration Upgrade:***

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The GS-2024 uses FTP to upgrade configuration in run-time through its built-in FTP server. You can use any FTP client (for example, [ftp.exe](#) in Windows) to upgrade GS-2024. The upgrade procedure is as follows:

### **Upgrade GS-2024 configuration:**

```
C:\> ftp <GS-2024 IP address>
User : <Enter>
Password: 1234
230 Logged in
ftp> put 350LT1C0.rom rom-0
ftp> bye
```

Where

- User name : just press <Enter>
- Password : the management password, 1234 by default
- 350LT1C0.rom : the name of configuration file you want to upgrade
- rom-0 : the internal configuration name in GS-2024