

Zyxel GS1920v2 series V4.50(ABxx.1)C0

Release Note/Manual Supplement

Date: May. 22, 2018

This document describes the features in the GS1920v2 series product for its V4.50(ABxx.1)C0 release. V4.50(ABxx.1)C0 is the production Firmware for GS1920-24HPv2 and GS1920-48HPv2.

GS1920v2 series is a hybrid switch with NebulaFlex technology to support operation in either Standalone mode or License Free Nebula cloud management mode.

This document applies to standalone mode operation only.

Support Models:

- Zyxel GS1920-48HPv2
- Zyxel GS1920-48v2
- Zyxel GS1920-24HPv2
- Zyxel GS1920-24v2
- Zyxel GS1920-8HPv2

Version:

Model	Firmware Version	Boot Version
Zyxel GS1920-48HPv2	V4.50(ABMK.1) 05/17/2018	V1.00 04/12/2018
Zyxel GS1920-48v2	V4.50(ABMJ.1) 05/17/2018	V1.00 04/12/2018
Zyxel GS1920-24HPv2	V4.50(ABMI.1) 05/17/2018	V1.00 04/12/2018
Zyxel GS1920-24v2	V4.50(ABMH.1) 05/17/2018	V1.00 04/12/2018
Zyxel GS1920-8HPv2	V4.50(ABKZ.1) 05/17/2018	V1.00 04/12/2018

Note: GS1920 firmware cannot be loaded up to GS1920v2 devices and vice versa.

Enhanced Features:

N/A

Bug Fix:

N/A

Known Issue:

1. **[Bandwidth Control]** Ingress rate limit of TCP traffic might have inaccuracy with some criteria.
2. **[Security]** Fake IP traffic cannot be filtered when a static IP binding existed.
3. **[DIAG]** The cable length resolution of Cable Diagnostic is about +-15 meter.
4. **[DIAG]** The fault distance of Cable Diagnostic is less than 1 meter without cable inserted.

Limitation of Settings:

1.	802.1Q Static VLANs	1K
2.	Static MAC forwarding entry	256
3.	MAC filtering entry	256
4.	Cluster member	24
5.	Protocol based VLAN entries per port	7
6.	Port-security max address-limit number	16K
7.	Syslog server entry	4
8.	IP source guard entry	512
9.	IP subnet based VLAN entry	16
10.	DHCP snooping binding table	16K
11.	Multicast group	1024
12.	ACL	256
13.	DHCP Entry	16
14.	Trunk groups	5 (8 ports)/ 14 (24 ports)/ 16(48 ports)
15.	Per trunk group port number	8

16.	MSTP instance	0-15
17.	MAC-based VLAN	50
18.	Voice VLAN OUI entry	6
19.	ZON neighbor per-port maximum clients	10

Change History:

- V4.50(ABxx.1) | 05/17/2018
- V4.50(ABxx.0) | 05/07/2018

Firmware Upgrade:

The GS1920v2 series use 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 GS1920v2 series. The upgrade procedure is as follows:

```
C:\> ftp <GS1920v2 series IP address>  
User : admin  
Password: 1234  
230 Logged in  
ftp> put 450ABxx1C0.bin ras-0  
ftp> bye
```

Where

- User name: the management user name, admin by default.
- Password: the management password, 1234 by default.
- 450ABxx1C0.bin: the name of firmware file you want to upgrade.
- ras-0: the internal firmware name in GS1920v2 series (store at first flash).
- ras-1: the internal firmware name in GS1920v2 series (store at second flash).

Reset switch to factory-default setting:

When users forget the login profile or password, they're unable to login the switch again. The only way to login to the switch is to reset the switch to default and use the default login profile and password to login.

Please refer to the Zyxel KB Link below to see the procedure.

<http://kb.zyxel.com/KB/searchArticle!viewDetail.action?articleOid=016556&lang=EN>