User's Manual

10/100 Base-TX

16 Port Fast

Ethernet Switch

(Do not use until you read this manual carefully)

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The Brightest Choice of Networking & Communication

Ethernet Switch

MIGRATION TO HIGHSPEED NETWORKING

PM:BM930301

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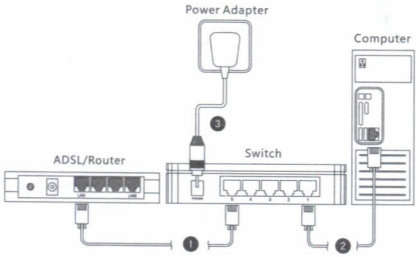
For simplicity, we take BSR31336U16 as an exampie of the product images below.

Hardware Installation



1. Connect one of the Ethernet ports on the switch to your router's LAN port with an Ethernet cable.
2. Connect your computer to one of the other ports on the switch with an Ethernet cable.
3. Plug the provided Power Adapter/Power Cord into the power jack of netis switch and the other end to a standard electrical socket.

LED Indicators

The LED Indicators will allow you to monitor, diagnose and troubleshoot any potential problem on the switch, connection and attached devices.

(Not all the LED indicators in the following table are included on one switch. Please refer to the panel of your switch.)

LED	Status	Indication
PWR	On	The switch is powered on.
	Off	The switch is powered off.
LINK/ACT (1-5/8; LAN1-LAN5/ LAN8; 1X-16X/24X)	On	The corresponding port is conne cted to a network device.
	Flashing	Data is transmitting through the corresponding port.
	Off	No device is connected to the corresponding port.
100M (/1000M)	Flashing	There is a 100Mbps (/1000Mbps) device connected to the corresponding port.
	Off	There is a 10Mbps (/10/100Mbps) device connected to the corresponding port, or there is no device connected to the corresponding port.
PoE	On	There's a PoE PD (Power Device) connected to the corresponding port, which supply the power successfully.
	Off	No PoE PD is connected to the corresponding port or no power is supplied according to the power limits of the port.
PoE MAX (*for PE6108GH/ PE6108G)	On	The power of all the connected PoE ports is >=60W (/120W). No power may be supplied if additional PDs are connected.
	Off	The power of all the connected PoE ports is < 60W(/120W) or there is no PoE PD connected to the corres ponding port.

Troubleshooting

1.The Power(PWR) LED is not on.
> Check if the Power Adapter/Power Cord is well connected. Try to unplug and plug back in the Power Adapter/Power Cord to the switch or try another power outlet.

2. The LINK/ACT LED is not on.
> Make sure the network configuration of connecting device is correct, and network card and drivers are installed correctly.
> Check the cable connections.
> Make sure the cable distance between the switch and other IEEE802.3 compatible network device does not exceed 100 meters.

3. Performance is bad.
> Check the status of Ethernet switching. If Ethernet switching is set to full-duplex on one device but a partner is set to half-duplex, then performance will be poor.
> Make sure the cable between the switch and other IEEE802.3 compatible network device is Category 5 UTP or better.

4. Some devices can't talk to other devices on the network.
> Check status of the LINK/ACT LEDs to make sure devices are linked.
> Make sure that the devices' network configurations are correct.
> Reset the switch if needed.

Appendix A: FCC Statement

FCC Statement

(For BSR31336U16)
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

(For BSR31336U16)
This Equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules.
These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his/her own expense.

Warning:
[A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used.]
[Use only shielded cables to connect I/O devices to this equipment.]
You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.
[ ]:depend on EUT condition.

This device complies with part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Appendix B: Industry of Canada Statement

(For BSR31336U16)
This Class [B] digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

(For BSR31336U16)
This Class [A] digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe [A] est conforme à la norme NMB-003 du Canada.

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