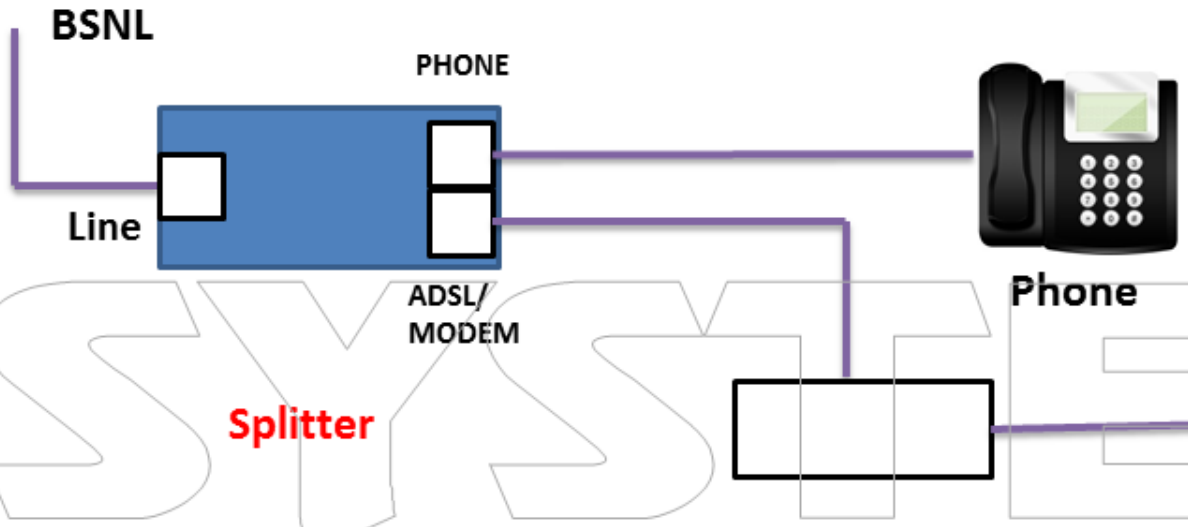
Broadband Configuration



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IP address: 192.168.0.1 /192.168.1.1

User name : Admin

Password : admin / password

IP ADDRESSING

An IP address is a numeric identifier assigned to each machine on IP network.

BIT : one digit, either 0 or 1.
BYTE : 7 or 8 bits.
OCTET : always 8 bits.

IP address is classified into 5 classes in first octet (or) byte

Class A: 0.0.0.0 to 126.255.255.255

Class B: 128.0.0.0 to 191.255.255.255

Class C: 192.0.0.0 to 223.255.255.255

Class D: 224.0.0.0 to 239.255.255.255 (multicast)

Class E: 240.0.0.0 to 255.255.255.255 (Research)

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Private IP Address : (Non Routable N/W)

- used in LAN.

Private IP Address Range : (from IANA – Internet assigned Numbers in Authority)

Class A	Class B	Class C
10.0.0.0	172.16.0.0	192.168.0.0
10.255.255.255.	172.31.255.255	192.168.255.255

Also, IP addresses in the range of 169.254.0.0 -169.254.255.255 are reserved for Automatic Private IP Addressing.

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Public IP Address : (Routable N/W)

- used in Internet

ALFA
NETWORK

Wireless Extender

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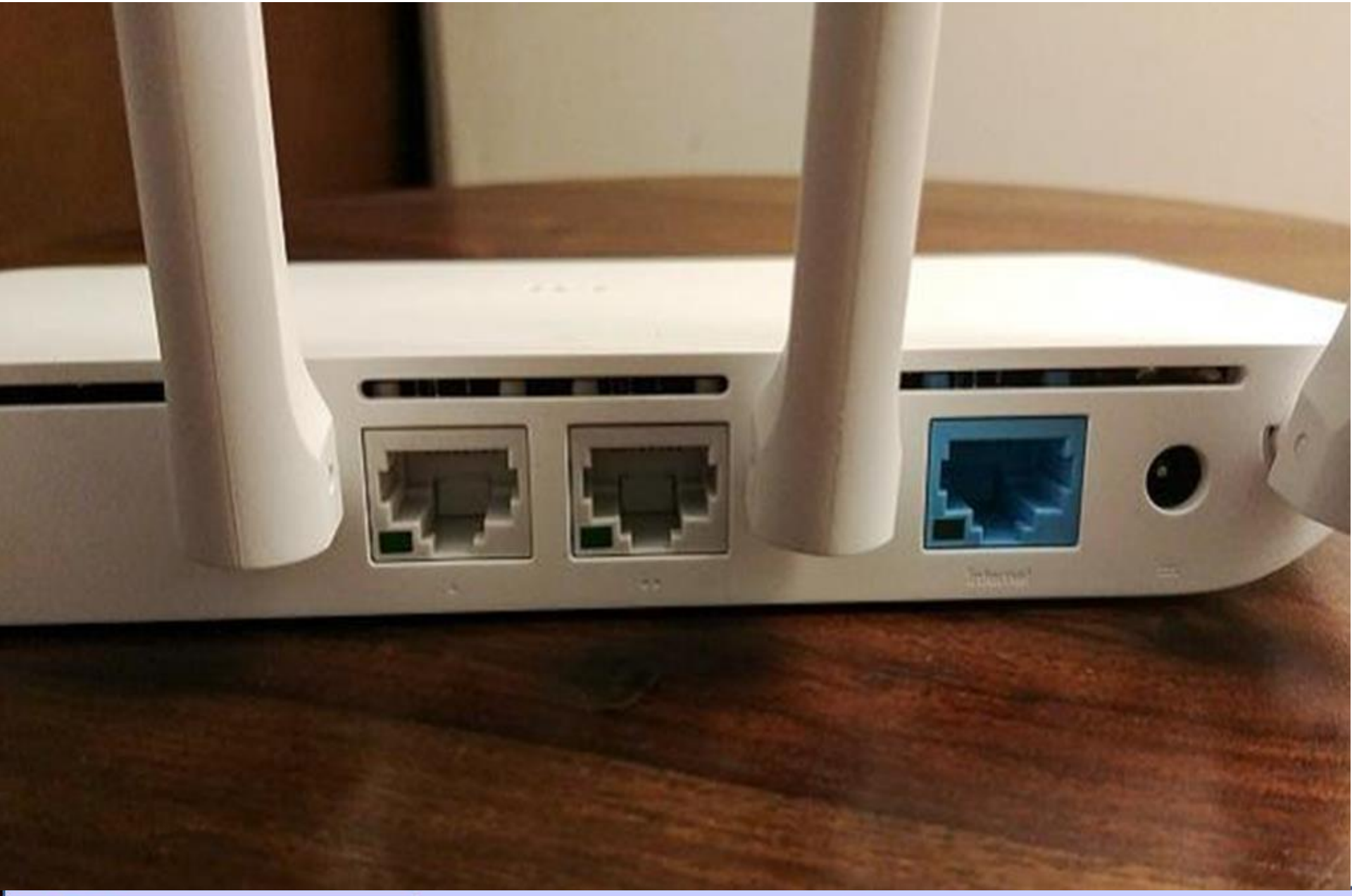
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