



BDCOM

BDCOM S1516 Series
16-port 10/100/1000Mbps Green Ethernet Switches

BDCOM S1516 Series

Product Overview

S1516 Series is a full gigabit unmanaged Ethernet switch with 16 10/100/1000Mbps RJ45 ports. With store-and-forward technique and dynamic memory distribution, the data can be effectively distributed to each port and avoid data packet loss. With gigabit network technique, S1516 Series can effectively avoid network transmission bottleneck. S1516 Series adopts the green Ethernet technique (802.3az) and effectively reduces energy consumption by monitoring the cable length and workload and automatically adjusting the signal strength.



S1516 Series

Product Characteristics

- S1516 Series is complied with standards IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3x and IEEE802.3az;
- Flow control mode: The full duplex of S1516 Series adopts IEEE 802.3x standard; the half duplex adopts Backpressure standard;
- S1516 Series supports MAC automatic address learning;
- S1516 Series adopts 16 10/100/1000Mbps auto-adaptation RJ45 ports; S1516 Series also supports Auto MDI/MDIX;
- The UTP port of S1516 Series supports auto-negotiation and auto adjusting transmission mode and rate;

- S1516 Series adopts store-and-forward structure;
- S1516 Series supports dynamic LED indicators, which shows the working state of the device.
- S1516 Series provides with the external power supply.

Product Specifications

Item	S1516
Chip	RTL8376+RTL8218
Network protocols	IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3x, IEEE802.3az
Network media	10Base-T: 3 class or 3 class above UTP 100Base-TX: 5 class UTP 1000Base-T: ultra 5 class UTP
Port number	16 10/100/1000M auto-adaptation RJ45 ports (Auto MDI/MDIX)
LED indicator	LINK/ACT: green Power supply: green
Backplane bandwidth	32G
MAC address capacity	8K
Forwarding rate	10Mbps: 14880pps 100Mbps: 148800pps 1000Mbps: 1488000pps
Dimensions (mm) (WxDxH)	280x180x44.3 (11 inch iron hull)
Power supply	AC 100V~240V 50/60HZ (5V-2A)
Power consumption	7W(MAX)
Environment	Operating temperature: 0°C~40°C Storage temperature: -40°C~70°C Operating humidity: 10%~90% RH, non-condensing Storage humidity: 5%~90% RH, non-condensing

For More Information

For more information about [BDCOM S1516 Series](#), please contact your local BDCOM account representative.

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