

DS116G Series

16-port Full Gigabyte Ethernet Switches



- ▶ Up to 12 GE RJ45 ports and 4 GE fiber ports
- ▶ Broadcast storm protection
- ▶ Transparent transmission of VLAN tagged packets
- ▶ Plug and Play configuration
- ▶ Supports 9.6 KB jumbo frames
- ▶ Broadcast storm protection
- ▶ Support store and forward transmission
- ▶ Support back pressure flow control
- ▶ No fan, low consumption, EMC-4 grade design
- ▶ All port anti-lighting (6KV)
- ▶ 3KV isolation protection
- ▶ IP30 protection, metal shell
- ▶ PoE/PoE+ option



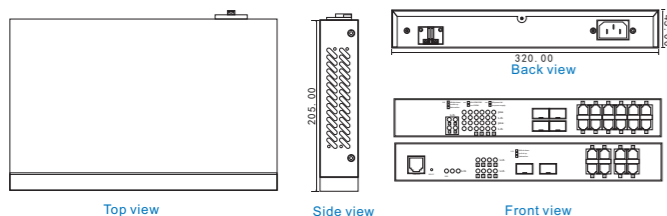
Overview:

The DS116G series is an 16-port full Gigabyte Ethernet switches that support to 12 10/100/1000BaseT(x) + 4 1000BaseF(X) ports, making it ideal for upgrading an existing network to Gigabit speed or building a new full Gigabit backbone. Gigabit transmission increases bandwidth for higher performance and transfers large amounts of triple play services across a network quickly.

The DS116G series is rated to operate at temperatures ranging from -20 to 60°C, no fan, low consumption and industrial grade design, more steadily work capability, and undergoes a 100% burn-in test to ensure that they fulfill the special needs of outdoor environment, especially for communication demanding applications, such as video and process monitoring, ITS, and DCS systems.

Dimensions:

Size: (mm)



Order information:

Model No	Description	
	10/100/1000BaseT(X)	1000BaseF(X) or SFP
WT-DS-10412G	12	4
WT-DS-10208G	8	2

Specifications:

Switch Properties	MAC Table size:8K Packet Buffer Size:4 Mbit Jumbo Frame Size:9.6KB Processing Type:Store and Forward Flow Control: IEEE 802.3x flow control, back pressure flow control
Interface	Rj45 Port:10/100/1000BaseT(X) auto connection, Full/Half duplex or force work mode, and support MDI/MDI-X connection Fiber Port:1000BaseF(X) ports (SC/ST optional, SFP optional) LED Indicators:PWR,L/A,SPD, PoE(option)
Power Requirement	Input Voltage:110/220 VAC (85 ~ 264 VAC) Input Current:0.25A (@110VAC/VDC) Connection: 3 bits terminal block Overload Current Protection:Present
Physical Characteristics	Housing:IP30protection, Metal case Dimensions:320mm*205mm*45mm (12.6 x 8.1 x 1.8 in) Weight:1900g Installation: Desktop, Wall mounting
Environmental Limits	Operating Temperature:-20 ~ 60 °C (- 4 ~ 140 °F) Storage Temperature:-40 ~ 85 °C (- 40 ~ 185 °F) Ambient Relative Humidity:5 ~ 95% (non-condensing)
Standards	E M I : FCC Part 15, CISPR (EN55022) class A, EN50155 (EN50121-3-2, EN55011, EN50121-4) EMS: EN 61000-6-2 (Industrial), EN 61000-4-2 (ESD) Level 4, EN 61000-4-3 (RS) Level 3, EN 61000-4-4 (EFT) Level 4, EN 61000-4-5 (Surge) Level 4, EN 61000-4-6 (CS) Level 3, EN 61000-4-8, EN61000-4-9, EN61000-4-11, IEEE 1613 Shock: IEC 60068-2-27 Freefall: IEC 60068-2-32 Vibration: IEC 60068-2-6 MTBF (mean time between failures) : 305,000 hrs IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseTX and 100BaseFX IEEE 802.3ab for 1000BaseT (X) IEEE 802.3z for 1000BaseX IEEE 802.3x for flow control, back pressure flow control
Warranty	5 years