



LCS-FS6116-B

16-Ports 10/100 Mbit/s
Desktop-Switch



These devices are powerful, high-performance Fast Ethernet switching hubs, with all 16 ports capable of 10 or 100Mbps auto-negotiation operation (N-Way) which means the switch can automatically negotiate with the connected partners on the network speed and duplex mode. It is ideal for micro-segmenting large networks into smaller, connected subnets for improved performance, enabling bandwidth demanding multimedia and imaging applications. Moreover, the 10/100Mbps auto-sensing ability provides an easy way to migrate 10Mbps to 100Mbps network without any problems. Compared to the shared 10Mbps or 100Mbps networks, the N-Way switch delivers a dedicated 10/100Mbps connection to every attached client with no bandwidth congestion issue. Store-and-forward switching modes promises low latency plus eliminates all the network errors, including runt and CRC error packets. To work under full-duplex mode, transmission and reception of the frames can occur simultaneously, without causing collisions, as well as doubling the network bandwidth. The switch is plug-n-play without configuring any software and is also fully compliant with all kinds of network protocols. Moreover, the rich diagnostic LED's on the front-panel provide the operating status of individual ports and the whole system.

Features:

- ◆ Complies with IEEE802.3 and IEEE802.3u standards
- ◆ 16 x RJ-45 ports for 100Base-TX and 10Base-T connectivity
- ◆ Supports N-Way protocol for speed (10/100Mbps) and duplex mode (Half/Full) auto-detection
- ◆ Auto-Mid/MDI-X on every Port
- ◆ Mini Desktop size design
- ◆ Supports full and half duplex operation on all ports
- ◆ Operates at maximum packet filtering and forwarding rate
- ◆ Store-and-forward architecture filters fragment & CRC error packets
- ◆ Supports extensive LED indicators for network diagnostics

Specifications:

Standard:	IEEE 802.3 and IEEE 802.3u standards
Interface:	16 * 10/100Mbps N-Way RJ-45 ports
N-Way Protocol Support:	Network Speed: 10Mbps and 100 Mbps, Duplex Mode: Full and Half
Auto MDI/MDI-X:	Every Port support self recognition for cross-over
Buffer Memory:	160Kbyte for the whole system
MAC-Adress Table:	8K
Filtering/Forwarding Rate:	10Mbps:14,880pps/14,880pps, 100Mbps:148,800pps/148,800pps
Emission:	FCC Class A, CE
Rich LED indicators:	System: Power, Port: Link/Activity, Full duplex/Collision, Speed
Operating Temperature:	0° C - 50° C
Operating Humidity:	10% - 90% (non-condensing)
Power Supply:	12VDC, 1A (external power adapter)
Dimensions:	290mm x 100mm x 27mm
EAN:	4016621006471