

PRODUCT DATASHEET



PRODUCT:	DES-1016D
PRODUCT NAME:	16-Port Fast Ethernet Switch
KEY FEATURES:	<ul style="list-style-type: none"> • 16x 10/100Mbps Auto-negotiation Fast Ethernet • Full wire-speed packet filtering & forwarding • Full/half duplex transfer mode for each port • Store-and-Forward switching method • Integrated address Look-Up Engine, supports 8K absolute MAC addresses • Supports 512Kbytes RAM for data diagnostic buffering • IEEE 802.3x flow control for full-duplex, Back pressure flow control for half-duplex
BID TEXT:	16x 10/100Mbps Auto-negotiation Fast Ethernet, Full wire-speed packet filtering & forwarding, Full/half duplex transfer mode for each port, Store-and-Forward switching method, Integrated address Look-Up Engine, supports 8K absolute MAC addresses, Supports 512Kbytes RAM for data diagnostic buffering, IEEE 802.3x flow control for full-duplex, Back pressure flow control for half-duplex, Inexpensive, quick upgrade switch solution for SMB, Auto-Uplink MDI/MDIX for each port, Plug-and-play installation, Desktop size, rack-mount kit for 19" standard rack (free of charge), Noiseless, no fan
WHY TO BUY D-LINK	<ul style="list-style-type: none"> • Inexpensive, quick upgrade switch solution for SMB • Auto-Uplink MDI/MDIX for each port • Plug-and-play installation • Desktop size, rack-mount kit for 19" standard rack (free of charge) • Noiseless, no fan
TECHNICAL DETAILS:	<p>Standards</p> <ul style="list-style-type: none"> -IEEE 802.3 10BASE-T Ethernet (twisted-pair copper) -IEEE 802.3u 100BASE-TX Fast Ethernet (twisted-pair copper) -ANSI/IEEE 802.3 NWay auto-negotiation -IEEE 802.3x Flow Control <p>Data Transfer Rates</p> <ul style="list-style-type: none"> - Ethernet: <ul style="list-style-type: none"> 10Mbps (half duplex) 20Mbps (full duplex) - Fast Ethernet: <ul style="list-style-type: none"> 100Mbps (half duplex) 200Mbps (full duplex) <p>Full/half Duplex</p> <ul style="list-style-type: none"> - Full/half duplex for 10/100Mbps speeds <p>Network Cables</p> <ul style="list-style-type: none"> -10BASE-T: <ul style="list-style-type: none"> UTP Cat. 3, 4, 5 (100 m max.) EIA/TIA-586 100-ohm STP (100 m) -100BASE-TX: <ul style="list-style-type: none"> UTP Cat. 5 (100m max.) EIA/TIA-568 100-ohm STP (100m max.) <p>Diagnostic LEDs</p>

	<p>Per device: - Power</p> <p>Per port: - Link/Activity - Full-duplex/Collision - 100Mbps speed</p> <p>Transmission Method Store-and-forward</p> <p>MAC Address Learning Automatic update</p> <p>MAC Address Table 8K entries per device</p> <p>Packet Filtering/Forwarding Rates (half duplex) - 10BASE-T: 14,880 pps per port (half-duplex) - 100BASE-TX: 148,810 pps per port (half-duplex)</p> <p>RAM Buffer 512KB per device</p> <p>Power Input AC 100-240V 50-60Hz 0.3A</p> <p>Power Consumption 6W</p> <p>Operating Temperature 0 - 40 C</p> <p>Storage Temperature -10 - 70 C</p> <p>Humidity 5% - 90%</p> <p>Emission_EMI - FCC Class A - CE Class A - VCCI Class A</p> <p>Safety - CUL - CB</p>
PACKAGE CONTENTS:	DES-1016D, Power Cord, Manual, ML-QIG, 19" Rockmount Kit, 4 x rubber feet
RETAIL:	No
UPC CODE:	7.90069.22127.9
UNITS PER CARTON:	5
DIMENSIONS AND WEIGHT:	<p>Carton: 525 x 385 x 295 mm; 13,300 kg</p> <p>Box: 360 x 255 x 95 mm; 2,400 kg</p> <p>Device: 281 x 182 x 44 mm; 2,800 kg</p>
REVISION:	C2
PSU & COUNTRY VERSION:	/E
COUNTRY OF ORIGIN:	CN
COUNTRY RELEASE:	D, A, CH, EEC
OPT. ACCESSORIES:	DFE-528TX, DFE-530TX, DES-1010G
AVAILABLE:	Week 8, 2000

D-Link GmbH, Product Marketing Management, 1. December 2002