

# DIAMOND *flexos*

## Fiber Optic Active Components

### SWITCHES

The DIAMOND flexos Metro Switch is a fully managed high-end access switch providing multiple 1000BaseFX and/or 10/100BaseTX access ports on Gigabit fiber optic daisy-chain, ring or star backbones. It is designed for Metropolitan Area Networks (MAN), LAN markets, as well as for IP based control, security & surveillance systems. The Metro assortment offers large variety of models as well as options for PoE, AC or DC power supply and access security features. Based on state-of-the-art technology the Switches can be managed via web browser, Telnet or with the flexView software (VLAN, QoS, 802.1X 802.1d/w etc.)

### FEATURES AND BENEFITS

- ▶ 10 Port fully managed Gigabit Switch for FO cascading/ring and Metro access applications
- ▶ 2 FO Gigabit Uplink Ports and 8 x 10/100BaseTX access Ports
- ▶ VLAN (802.1Q and port based), QoS, STP/RSTP, IGMP Snooping, Spanning Tree 802.1d/w, RMON and much more
- ▶ Desktop or 19" 1U rack mount installation
- ▶ Fanless

### SPECIFICATIONS

Compatibility:	IEEE802.3/100BaseTX and 100BaseFX IEEE820.3ab 1000BaseT, IEEE820.3z 1000BaseSX
Type:	10 Port FO Gigabit Access Switch 2x1000BaseT/SX/LX
Interfaces:	Optical: 2x E-2000™ LAN Low Profile, SFP Electrical: 8x RJ45
Cable type:	UTP/STP, Cat. 5e
Fiber type:	Multimode 50 or 62.5/125µm, Singlemode 9/125µm
Data rate:	T/TX: 10/100Mbit/s resp. 10/100/1000 Mbit/s T/SX/LX: 1000Mbit/s
Wavelength:	Multimode 850nm Singlemode 1310nm / 1550nm
Max. distance:	Multimode 220/550m / 8dB Singlemode 10km/10dB, 20km/17dB (1310nm) 50km/17dB, 70km/24dB (1550nm)
Dimensions:	220 x 44 x 190 mm (L x H x W)
Operating temperature:	0°C to 55°C
Storage temperature:	-30°C to 70°C
Rel. humidity:	10% to 90% (non condensing)
Power supply:	AC: 90-264VAC 50/60Hz, 60 or 120W DC: DCL-9-36VDC; DCH - 36-72VDC PoE version, AC 90-264VAC 50/60Hz, 60 or 120W
LED display:	POWER Power ON indication NMS Active Management agent Link/Act Link activity per port(s) PoE PoE/PSE is provided to those port(s)



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### Metro Switch

1000Base T/SX/LX  
10/100Base T/TX



EQO 10465902



EQO 10493144

Specifications subject to change  
without notice

BDD 1950984 038

## MANAGEMENT FEATURES

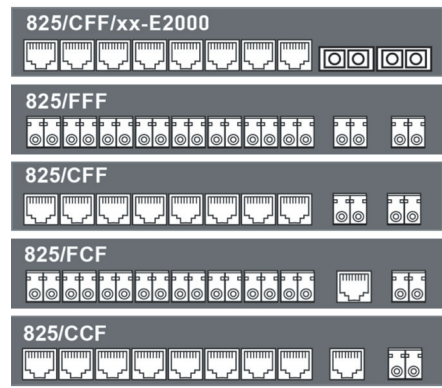
- ▶ Integrated agent for web based management
- ▶ System monitoring and configuration via SNMP
- ▶ VLAN configuration (Layer 1 Port, Layer 2 VLAN-Tag and Layer 3 Diff Serv prioritization)
- ▶ Data prioritization (Class of Service)
- ▶ Prioritization by Tag setting (VLAN according IEEE802.1q, Layer 2)
- ▶ Differentiated Service, IP Tos-field (Diff Serv, Layer 3)

## POWER OVER ETHERNET FEATURES (PoE)

- ▶ Power over Ethernet according to IEEE 802.3af on all ports 10/100BaseTX (optional), integrated PoE Controller
- ▶ Integrated 48V DC Power Supply
- ▶ Data Prioritization (Class of Service) according to IEEE 802.1q
- ▶ Based PoE ports configuration option

## ORDER INFORMATION

PRODUCT NAME	DESCRIPTION	ORDER NUMBER
Gigabit Metro Switch 10 Port SNMP SM	E-2000™ Gigabit Metro Access Switch 8 Port 10/100BaseTX, 2 Port 1000BaseSX, 2x E-2000™ SM, 1310nm	EQQ 1046902
Gigabit Metro Switch 10 Port SNMP MM	E-2000™ Gigabit Metro Access Switch 8 Port 10/100BaseTX, 2 Port 1000BaseLX, 2x E-2000™ MM, 850nm	EQQ 1049143
Gigabit Metro Switch 10 Port SNMP SFP	SFP Gigabit Metro Access Switch 8 Port 10/100 SFP, 2 Port 1000 SFP	EQQ 1049144
FlexBulk Software	Multiple device software upgrade, includes advanced tools for software configuration and maintenance	EQS 1046905
FlexView Software	SNMP cross-platform application designed to operate on a wide range of operating systems	EQS 1027350



Model Variety

Also available with other common optical interfaces or PoE configurations.