

SWITCHES

The DIAMOND *flexos* Workgroup Switch is an extremely compact dual speed switch ideal for use in FTTO or workgroup applications. The switch is available in 4 up to 5 port configurations with a Fast Ethernet fiber uplink.

FEATURES AND BENEFITS

- ▶ Fast Ethernet Switch in 1x4 or 1x5 FX/TX port configurations
- ▶ E-2000® LAN Low Profile fiber optic interface
- ▶ 10/100BaseTX auto negotiation
- ▶ Store-and-forward switching, up to 4k MAC addresses, 1Mbit RAM buffer, full-duplex frame according IEEE802.3x
- ▶ UTP/STP MDI/MDI-X auto crossing
- ▶ Status/diagnostic LED's
- ▶ Power over Ethernet according to IEEE 802.3af on 4 TP ports, and integrated PoE Controller (5 port version)
- ▶ Management per SNMP, Telnet, Webbased
- ▶ VLAN and data prioritization according to IEEE 802.1q (QoS)
- ▶ Fanless

SPECIFICATIONS

Compatibility:	IEEE802.3 10/100BaseTX and 100BaseFX	
Type:	Fast Ethernet Workgroup Switch	
	4 port 10/100BaseTX + 1 port 100BaseFX or	
	5 port 10/100BaseTX + 1 port 100BaseFX or	
Interfaces:	Optical:	E-2000® LAN Low Profile
	Electrical:	RJ45
Cable type:	UTP/STP 100ohm, Cat.5	
Fiber type:	Multimode fiber 50 or 62.5 µm	
Date rate:	TX: 10/100 Mbit/s	
	FX: 100 Mbit/s	
Wavelength:	1300 nm	
Optical Power:	- 19 dBm	
Sensitivity:	- 30 dBm	
Max. distance:	100m (UTP/STP) Full-duplex 2 km (fiber MM)	
Dimensions:	112 x 21 x 80 mm (LxWxH)	
	212 x 29 x 120 mm (LxWxH)	
Mounting:	Desktop or optional wall mount	
Operating temperature:	0°C to 50°C	
Storage temperature:	-20°C to 85°C	
Rel humidity:	5% to 80% (non condensing)	
Power supply:	12V DC 1A/ 48V DC extern power supply	
LED display:	PWR	Power
	LNK/SPD/ACT	Link/ 10/100 / data activity
	FD/HD	Full-/half-duplex operation TX
	FDX/HDX	Full-/half-duplex operation FX

10/100



EQO 1041173

MANAGEMENT FEATURES

- ▶ Integrated agent for web based SNMP management
- ▶ System monitoring and configuration via SNMPv1
- ▶ Configuration per Port with PC based management tool (IntServ, Layer 1)
- ▶ VLAN configuration (Layer 1 port, Layer 2 VLAN tag, and Layer 3 Diff Serv prioritization)
- ▶ Data prioritization (Quality of Service)
- ▶ Prioritization by Tag setting (VLAN according IEEE802.1q, Layer 2)

POWER OVER ETHERNET FEATURES (PoE)

- ▶ Fast Ethernet Workgroup Switch with integrated management
- ▶ Power over Ethernet according to IEEE 802.3af support on four 10/100 BaseTX ports, integrated PoE Controller
- ▶ Extensive configuration options with PC based management tool
- ▶ 48V DC compact external power supply, or a separate in-house DC power network
- ▶ Data prioritisation (Quality of Service) according to IEEE 802.1q
- ▶ All VLAN-Functionality according to IEEE 802.1

ORDER INFORMATION

PRODUCT NAME	DESCRIPTION	ORDER NUMBER
WG Switch 10/100 4 Port	E-2000® Workgroup Switch 10/100 autoneg. 4 Port STP 10/100BaseTX with MM FO-link 100BaseFX, incl. external power supply	EQQ 1022130
WG Switch 10/100 5 Port managed	E-2000® Workgroup Switch 10/100 autoneg. 5 Port STP 10/100BaseTX with MM FO-link 100BaseFX, management, incl. external power supply	EQQ 1041173
WG Switch 10/100 5 Port managed PoE	E-2000® Workgroup Switch 10/100 autoneg. 5 Port STP 10/100BaseTX with MM FO-link 100BaseFX, management, excl. external power supply, integrated PoE- Controller	EQQ 1041174
Power Supply Module for 5 Port PoE Switches	Power Supply Module for 5 Port PoE Work- group Switches, 48V DC / 1,35A 65W	EQQ 1041175

Also available with other common optical interfaces or in singlemode configurations, please contact your local DIAMOND representative.