



8-Port 100Base-FX Layer 2 Managed Switch with Mini GBIC Slot

TEG-S081FMi (1.0R)

The 8-Port 100Base-FX Layer 2 Managed Switch provides exceptional performance, ease of use and flexibility for expanding network operations. Utilizing a robust 3.8Gbps backplane, the switch can easily accommodate multiple networks at 2km or more with an optional GBIC SX or LX module. Advanced management features include SNMP, VLAN, IGMP, and Port Security.

FEATURES

- 8 x 100Base-FX SC type Multi-Mode Fiber Port
- 1 x 1000Base GBIC Slot for optional GBIC module
- Supports switch Fabric up to 3.8Gbps
- Layer 2 Management Switch with Full Software Support
- IGMP Snooping with Query Mode Support for Multi-Media Application
- Supports Broadcast Storm Filtering
- Supports Port Status Control (Status, Auto-Negotiation, Speed, Duplex and Flow Control)
- Supports Port Trunking with Flexible Load Distribution Control and Fail-Over Functions
- Supports Port-Based VLAN and IEEE 802.1Q Tag-Based VLAN
- Supports IP Multicast, Port Mirroring, Spanning Tree, SNMP and RMON
- Supports Port Security and IEEE 802.1p Class of Services
- Store-and-Forward Switching Architecture with Non-Blocking Wire-Speed Performance
- Configuration via RS-232 Console Port, Telnet, and Web Browser (HTTP)
- TFTP Firmware Upgrade via Browser
- Configuration Save and Restore Feature Support
- 19" (1U) Rack Mount Design (kit included)
- 5-Year Warranty

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SPECIFICATIONS

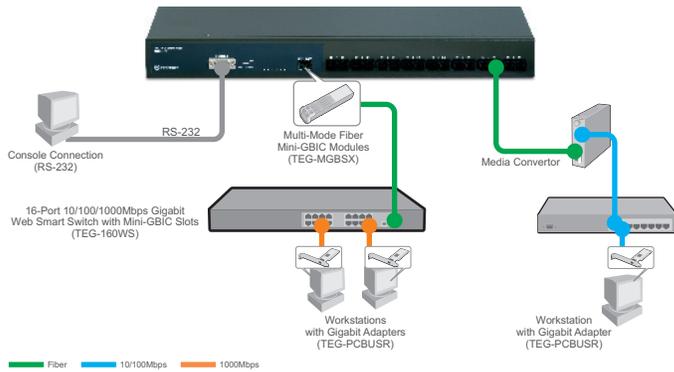
Hardware	
Standards	<ul style="list-style-type: none">• IEEE 802.3u 100Base-FX; IEEE 802.3z Gigabit Fiber/IEEE 802.3ab 1000Base-T• IEEE 802.3x Flow Control; IEEE 802.1D Spanning Tree • IEEE 802.1q Tag-based VLAN; IEEE 802.1p Class of Service• Link Aggregation; IEEE 802.1ad Port Trunk
Interface	<ul style="list-style-type: none">• 8 x 100Base-FX SC type Multi-Mode Fiber Port• 1 x 1000Base mini GBIC slot for optional mini GBIC module (3.3V DC power)
Packet Forwarding and Filtering Rate	<ul style="list-style-type: none">• Gigabit: 1,488,000 packets per second per port• 100M Ethernet: 148,800 packets per second per port
Cabling	<ul style="list-style-type: none">• Multi-Mode: (50/125um, 62.5/125um), 2km max • Single-Mode: (8/125um, 10/125um)
Console Port	<ul style="list-style-type: none">• RS-232, female 9-Pin Serial Port (M-M serial cable included)
Protocol/Topology	<ul style="list-style-type: none">• (CSMA/CD) / Star
Buffer Memory	<ul style="list-style-type: none">• 2Mbits Data Buffer
Filtering Address Table	<ul style="list-style-type: none">• 8K MAC Address Entries
Bandwidth	<ul style="list-style-type: none">• Up to 3.8Gbps
LED Display	<ul style="list-style-type: none">• Power, Link/Activity, Full Duplex/Collision
Power	<ul style="list-style-type: none">• Input: 100~240VAC, 50/60Hz Internal Power Supply
Power Consumption	<ul style="list-style-type: none">• 17 watts
Dimensions	<ul style="list-style-type: none">• 440 x 160 x 44mm (17.3 x 6.3 x 1.7 inch) (W x H x D)
Weight	<ul style="list-style-type: none">• 2.2 Kg. (4.85lb.)
Temperature	<ul style="list-style-type: none">• Operating: 0 ~ 45 C (32 ~ 113 F)• Storage: -40 ~ 70 C (-40 ~ 158 F)
Humidity	<ul style="list-style-type: none">• 10% ~ 90% non-condensing
Safety Emissions	<ul style="list-style-type: none">• FCC, CE
Software	
Management	<ul style="list-style-type: none">• Web Management, RS-232 Console Management, Telnet
Trunk	<ul style="list-style-type: none">• IEEE 802.3ad Trunk with LACP. Max 4 Groups (up to 4 Ports per group)
Class of Service	<ul style="list-style-type: none">• Supports Hi and Low Priority
QoS	<ul style="list-style-type: none">• Supports 8 Levels of Priority and Mapping to Hi/Low Priority Queue for Class of Service
VLAN	<ul style="list-style-type: none">• Up to 256 VLAN groups and up to 4094 VLAN ID
IP Multicast	<ul style="list-style-type: none">• IGMP Snooping up to 256 groups • 2 Types of Query Mode: Enable/Disable or Auto Query
Filter Database	<ul style="list-style-type: none">• Port Static MAC address lock, MAC filter and Port Security
Port Mirror	<ul style="list-style-type: none">• Up to 8 ports
Broadcast Control	<ul style="list-style-type: none">• None, 5%, 10%, 15%, 20%, 25%
Spanning Tree	<ul style="list-style-type: none">• IEEE 802.1d Support
RFC Standard	<ul style="list-style-type: none">• RFC 1157 SNMP v1.0, RFC 1213 MIB II, Bridge MIB, RFC 1643 Ethernet Like, RFC 1493 Bridge MIB, RFC 1757 RMON1, RFC 1215 Trap



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NETWORKING SOLUTIONS

8-Port 100base-FX SNMP Layer 2 Managed Switch (TEG-S081FMi)



PACKAGE CONTENTS

- TEG-S081FMi
- Multi-language user's guide
- Power Cord 1.2m (6ft)
- RS-232 Cable 1m (3.28ft)

RELATED PRODUCTS

TE100-S800i	8-Port 10/100Mbps Layer 2 Managed Switch
TE100-S810Fi	8-Port 10/100Mbps Layer 2 Managed Switch with 100Base-FX Port
TEG-MGBSX	Multi-Mode Fiber Mini-GBIC Modules

ORDERING INFORMATION

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