

## 5-Port 10/100 Managed Switch

## S7055xM

### Product Features

- (4) 10/100Mbps RJ-45 ports and (1) 100Mbps Fiber Port
- Auto-negotiation and auto-MDI/MDI-X detection
- Supports full/half-duplex operation for copper ports
- Support 802.3x flow control for full duplex operation
- Support back-pressure flow control for half-duplex operation
- Self-learning for active MAC addresses up to 2k entries
- Store-and-forward switching so only good packets are sent
- Forwarding and filtering at full wire speed
- Flow control for traffic congestion
- Broadcast packet storm protection
- Comprehensive LED indicators



### Technical Specifications

<b>Standards:</b>	IEEE 802.3, 802.3u, 802.3x
<b>Network Ports:</b>	(4) 10/100Mbps Fast Ethernet Copper Ports (RJ-45) (1) 100Mbps Fiber Port
<b>Copper Ports:</b>	Shielded RJ-45, 10/100Mbps, auto-negotiation, auto-MDI/MDI-X
<b>Fiber Port:</b>	Fast Ethernet 100Base Full-Duplex Operation
<b>Cables:</b>	10Base-T: Cat3, 4, 5 or higher (100 meters max.) 100Base-TX: Cat5, 5e or higher (100 meters max.) 100Base-FX: Multi-Mode or Single-Mode Fiber Optic Cable
<b>Flow Control:</b>	IEEE 802.3x pause packet for full-duplex operation Back pressure for half-duplex operation
<b>MAC Addresses:</b>	Table with 2K entries
<b>LED Indication:</b>	Power Status TX Ports: Speed, Link/Act, Duplex/Collision Status FX Port: Link/Act Status, Duplex/Collision Status
<b>DC Power Input:</b>	Rating: +7.5VDC, 1A Operating Voltage: +6.5VDC ~ +12.5VDC
<b>Power Consumption:</b>	7W max.
<b>Environment:</b>	Operating Temperature: -0° C ~ +40° C Relative Humidity: 10% to 90% non-condensing
<b>Dimensions:</b>	5.67 x 3.94 x 1.02 inches (WxDxH)
<b>Approvals:</b>	FCC Class A certificate, CE mark/EMC Class A certificate EN60950/IEC60950-1 safety NEMA TS2-2003 Environment tests

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### Management Features

- Web-based interface for easy management
- Static IP or DHCP for IP configuration
- Port status and configuration
- VLAN configuration
- Security check for management login
- Restore factory default settings
- Remote boot



### Technical Specifications Cont.

<b>Filtering Rate:</b>	14,880 pps for Ethernet (10Base) 148,800 pps for Fast Ethernet (100Base)
<b>Forwarding Rate:</b>	14,880 pps for Ethernet (10Base) 148,800 pps for Fast Ethernet (100Base)
<b>Ageing Time:</b>	300 Seconds
<b>Fiber Port:</b>	Fast Ethernet 100Base Full-Duplex Operation
<b>VLAN Mode:</b>	Port-Based VLAN, 802.1Q Tag-Base VLAN
<b>VLAN Groups:</b>	16 Groups (Group 0 ~ 15)
<b>Port PVID:</b>	Full 12-bit VID, per port setting

Model	Fiber Type	Fiber Connector	Fiber Distance
S70553M	MM	ST	2 km
S70554M	MM	SC	2 km
S70555M-2	SM	SC	20 km
S70555M-5	SM	SC	50 km
S70555M-7	SM	SC	70 km