

# 7800SW-GE

## Modular Layer 2 Managed IP Switch with 4x RJ-45 ports, 1x SFP cage

The 7800SW-GE is an ideal solution for professional small scale IP-switching and IP aggregation applications. Housed in the award-winning 7800 Series multi-frames, this compact, single-slot module offers five IP ports (4x RJ-45, 1x SFP cage) with a wide range of features and comprehensive monitoring and control capabilities.

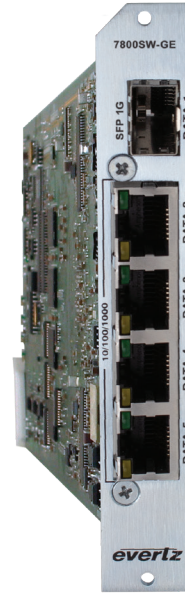
Advanced features include user-configurable VLAN tagging or pass-through and Layer 2 MAC address learning and switching. IP port aggregation is also

supported, allowing multiple ports to be grouped in parallel for increased bandwidth and/or redundancy.

In addition to an on-board web interface, the 7800SW-GE module is VistaLINK® PRO-capable, offering remote monitoring, control and configuration capabilities via Simple Network Management Protocol (SNMP). This offers the flexibility to manage operations, including signal monitoring and module configuration from an SNMP-capable NMS

### ►Features & Benefits

- 5x 1GbE ports (4x RJ-45 and 1xSFP)
- Bi-directional ports, allowing for 1GB of data to move through the module
- Layer 2 switching, learning of MAC addresses
- VLANs, VLAN tagging (passing or adding) for all Data ports
- Port-based link aggregation
- Extensive port-by-port monitoring of Ethernet parameters (frame count)
- Hot-swappable module without need for re-cabling in event of failure
- Fully integrated with Evertz' industry-leading VistaLINK® PRO NMS for remote monitoring, control and configuration via SNMP
- Portable or rack mounted frame assemblies



### ►Specifications

<b>Inputs &amp; Outputs:</b>		<b>Inputs &amp; Outputs:</b>		<b>EMI/RFI:</b>	
Number of Ports:	5 (10/100/1000Mbps)	Control:	SNMP, HTTP		Complies with FCC part 15 Class A, EU EMC directive
Connectors:	4x RJ-45, 1x 1GbE (optical or copper)	<b>Electrical:</b>		<b>Physical:</b>	
		Voltage:	+12V DC	Number of Slots:	1
		Power:	23W		

### ►Ordering Information

**7800SW-GE** Modular Layer-2 Managed Switch with 4x RJ-45 ports, 1x SFP cage (SFP modules sold separately)

*Note: rear plate must be specified at time of order (eg: model +3RU)*

#### SFP Interface Options (sold separately):

**SFPTR-RJ45-SGM-AV** SFP module for 10/100/1000 interface ports  
**SFP1G-TR13** Single 10/100/1000 optical 1310nm SFP module

#### Rear Plate Suffix:

**+3RU** Rear plate for use with 350FR, 7800FR or 7801FR multiframes

#### Enclosures:

**350FR** 3RU portable multiframe, holds up to 7x single-slot modules  
**7800FR** 3RU multiframe, holds up to 15x single-slot modules  
**7801FR** 1RU multiframe, holds up to 4x single-slot modules