

The 7700GPI VistaLINK® General Purpose Interface module links third-party equipment and Evertz VistaLINK® Network Management System (NMS). Third-party equipment with fault alarming capabilities through General Purpose Interface outputs (GPOs) can communicate fault alarm conditions to the VistaLINK® application software through this GPO to SNMP translator, thereby extending fault monitoring capabilities across the broadcast network.

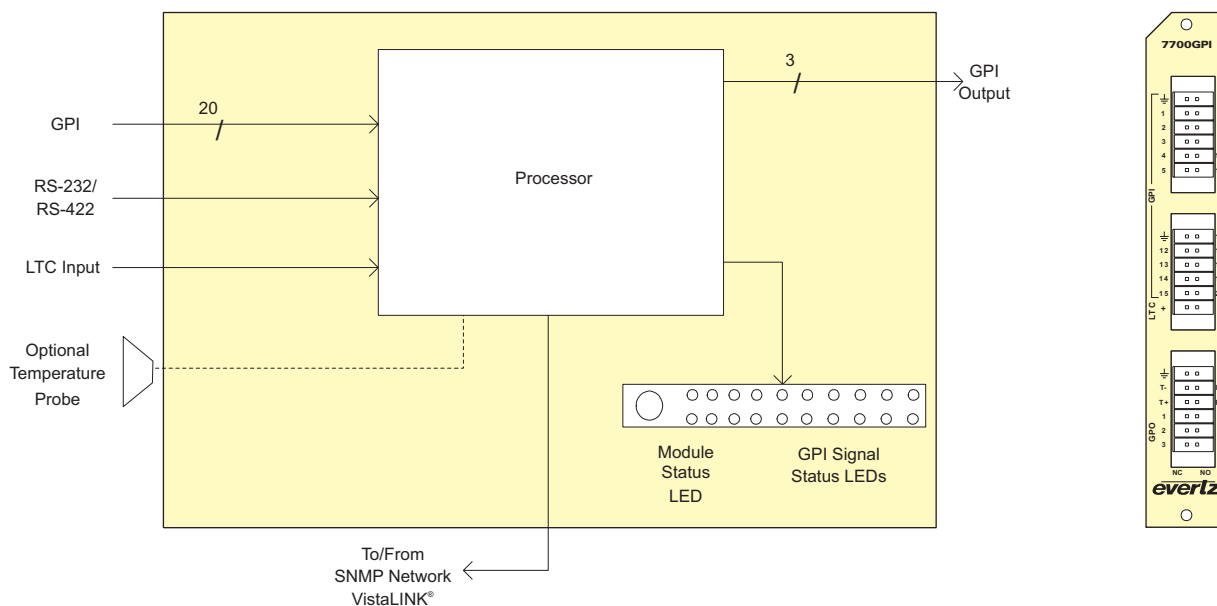
Equipped with a Linear Time Code (LTC) input, the 7700GPI module can synchronize logged fault alarms within the VistaLINK® application software with the facility clock for accurate alarm acknowledgement and record-keeping. In addition, it is possible to label each GPI input for easier notification. The label follows the fault message (trap) through to the VistaLINK® PRO server and onto email/pager notifications (if enabled).

The GPI module is also equipped with three NC/NO GPI outputs (GPO) and can be utilized to relay a "message" from the VistaLINK® system to connected gear. Configuration changes or additional fault alarming are possible through this interface.

VistaLINK® offers remote monitoring, control and configuration capabilities via Simple Network Management Protocol (SNMP) giving the flexibility to manage operations, including signal monitoring and module configuration from SNMP-capable control systems (Manager or NMS).

Features & Benefits

- 20 opto-isolated General Purpose Interface inputs (GPI)
- Enabled GPI inputs/alerts translated and reported to Network Management System (NMS) user interface via SNMP
- Selectable +5V or +12V supply for driving GPI over longer cable runs
- 3 relay closure General Purpose Interface outputs (GPO)
- GPI/GPO easily accessed through pin-headers (2x6 Phoenix Terminal Blocks) on rear plate
- 1 LTC input for module synchronization of fault alarms to facility time
- Modular, conveniently fits into 7700FR-C 3RU frame
- Module status LED and 20 GPI LEDs for simple GPI input diagnostics
- Frame status trigger
- Jumper-configurable RS-232/RS-422 input serial COM port for serial protocol interface translation
- VistaLINK® - capable for remote monitoring and control via SNMP (using VistaLINK® PRO) when installed in 7700FR-C frame with 7700FC VistaLINK® Frame Controller



Specifications

General Purpose Interface Input:

Number of Inputs: 20
 Type: Opto-isolated, active low with jumper selectable +5V or +12V supplied voltage
 Connector: Phoenix Terminal Block (2x6)
 Signal Level: Jumper selectable +5V or +12V

General Purpose Interface Output:

Number of Outputs: 3
 Type: "Dry Contact" relay closure
 Connector: 2 pins per output on Phoenix Terminal Block (2x6)
 Signal Level: Normally closed and normally open

LTC Input:

Number of Inputs: 1 (±pair)
 Type: Balanced
 Level: 100mV p-p
 Connector: Phoenix Terminal Block pins (2x6)

Data Input Serial Port:

Number of Ports: 1 RS-232 or 1 RS-422 (jumper selectable)
 Connector: Phoenix Terminal Block pins (2x6)
 Baud Rate: Up to 1Mbaud

Electrical:

Voltage: +12V DC
 Power: 6W
 EMI/RFI: Complies with FCC Part 15, Class A EU EMC Directive

Physical:

Number of slots: 1

Ordering Information

7700GPI VistaLINK® General Purpose Interface Module

Enclosures
7700FR-C

3RU Multiframe which holds up to 15 single slot modules

Ordering Options Rear Plate and Fiber Connector must be specified at time of order
 Eg: Model +SC +3RU

Rear Plate Suffix
+3RU 3RU Rear Plate for use with 7700FR-C Multiframe