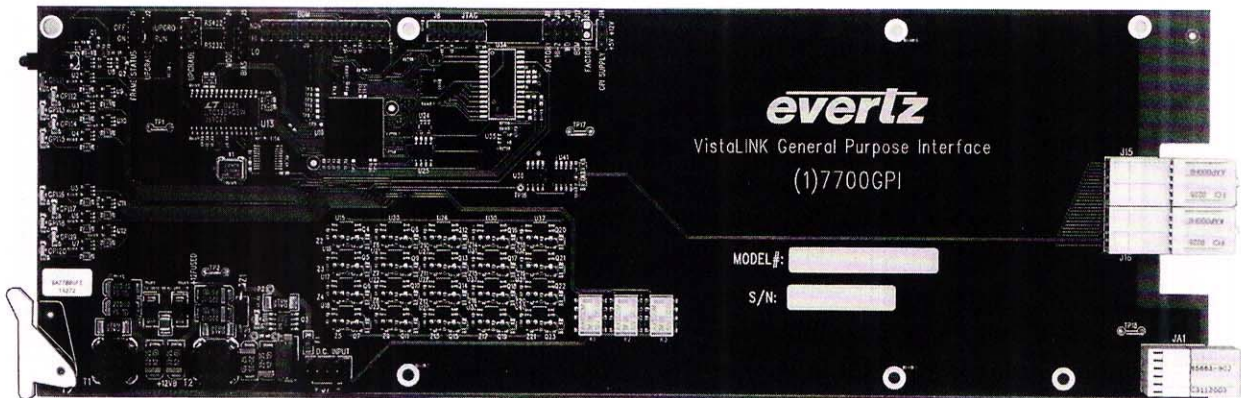


VistaLINK™ General Purpose (GPI I/O) Interface Module

1b

Model 7700GPI



The 7700GPI VistaLINK™ General Purpose Interface module links third-party equipment and Evertz's VistaLINK™ Network Management System (NMS). Third-party equipment with fault alarming capabilities through General Purpose Interface outputs (GPO) 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.

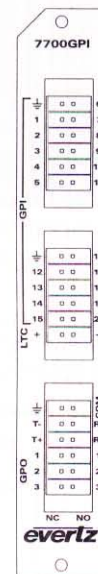
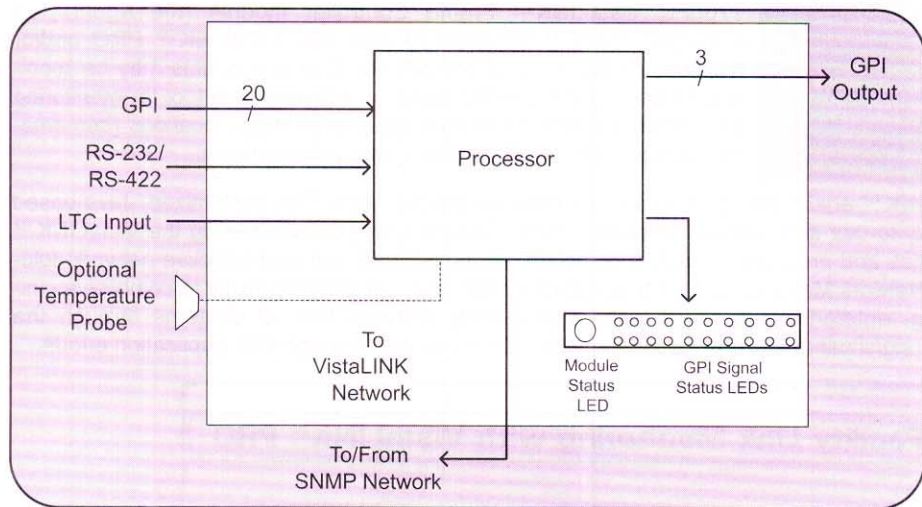
Equipped with a Linear Time Code (LTC) input, the 7700GPI module can synchronize logged fault alarms within the VistaLINK™ application software with the facility clock for accurate alarm acknowledgement and record-keeping.

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-enabled control systems (Manager or NMS).

Features

- 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 fitting 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
- Optional air temperature probe for reporting frame temperature status
- VistaLINK™-enabled offering remote monitoring, control and configuration capabilities via SNMP. VistaLINK™ is available when modules are used with the 3RU 7700FR-C frame and a 7700FC VistaLINK™ Frame Controller module in slot 1 of the frame

7700GPI Block Diagram



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: 100 mVp-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 1 Mbaud

Electrical:

Voltage: + 12VDC
 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

Ordering Options

+TP Optional Air Temperature Probe

Rear Plate must be specified at time of order

Eg: Model + 3RU

Rear Plate Suffix

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

Enclosures:

7700FR-C 3RU Multiframe which holds 15 modules