

12-32-0000 32 PORT INPUT EXPANSION MODULE



The 12-32-0000 is a 32 input expansion module that may be used either autonomously with a serial to ethernet converter or to expand the number of inputs on any transmitter that supports Salcom protocol. Input modules may be daisy chained together to provide as many inputs as required.

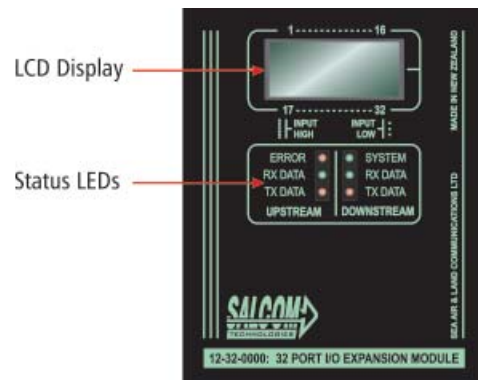
A simple LCD provides indication of current inputs states and system messages. LEDs provide indication of system health, upstream and downstream serial port activity. When a message is generated by an input module the content of the message will display (up to the first 16 characters) on the LCD momentarily.

The 12-32 supports multiple message queuing, and will queue at least 50 messages. Pre-defined input messages are limited to a maximum length of 40 characters which may be configured using Salcom programming software.

Using the programming software (PSD), the input module may be configured to tag each message with a source description (e.g [01] or [Shed 1]). Input actions, low supply detector settings and pre-defined messages may also be configured via the PSD.

The 12-32 is housed in an attractive, durable metal case with provision on the base plate for wall mounting.

- 32 External Inputs
- LCD indication of current input states and system messages
- Units may be "daisy chained" to provide as many inputs as required
- LED Power indication of normal operation and low power voltage
- LED status indicators - Downstream Receive data, Downstream Transmit data, Upstream Receive data, Upstream Transmit data and System Error
- Messages up to 40 characters in length
- Input actions configurable via programming software
- External inputs can initiate actions on high or low input input transitions
- Low-supply detector can initiate a message for supply "going high" and "going low" conditions
- Internal Watchdog will initiate an action after a pre-determined period and optionally allows the transmission of the current state of selected inputs
- Supports Numeric or Alphanumeric Pagers



Power Supply	+11.5 volts to 15.2 volts. Nominal 13.8 volts
Input Current	40 mA approx.
Message Format	SALCOM proprietary paging protocol
Serial Input/Output	9600 baud, no parity, 8 data bits, 1 stop bit
Discrete Inputs	Pulled up to +12v (10K)
Number of Inputs	32
Dimensions	193mm x 113mm x 50mm (WxDxH)