ASI Monitoring Blade
VB242

The VB242 ASI input option card allows operators real-time high density ASI monitoring or switched ASI round-robin monitoring for remote or head-end applications. With up to 13 ASI inputs in a 1 RU chassis in combination with the VB220 or VB120 controllers, the VB242 is perfect for existing infrastructures in the head-end and the regional edge-multiplexer/ modulator/ transmitter site. The VB242 complements the already extensive range of input interfaces for the VideoBRIDGE series probes.

The VB242 interface module can operate in two different modes: either two of the inputs are monitored full time with continuous ETSI TR 101 290 analysis, or its six inputs are sequentially monitored in a round-robin fashion.

Using two VB242 interface modules in a 1RU chassis allows full time monitoring of five ASI streams in parallel – two streams from each of the interface modules and one stream from the ASI input of the controlling VB120 or VB220 probe. This high density solution is very useful for monitoring in head-ends where ASI infrastructure is used. It is also possible to combine a VB242 with a different input interface module, for instance one of the demodulators in the VideoBRIDGE interface product range.

KEY FEATURES

- 6 ASI inputs
- DVB-ASI and M2S supported, 188 and 204 byte packet length
- 50Ω female BNC connectors
- Sync status LEDs for all inputs
- Full ETSI TR101 290 monitoring (Priority 1/2/3)

APPLICATIONS

- Providing broadcasters with complete monitoring of ASI signals being sent to transmitters or satellites

- Allowing multi-channel service providers to monitor the ASI outputs from banks of satellite receivers

- Tracing ingested signals to all parts of a network to quickly isolate problems and see the effects of network components
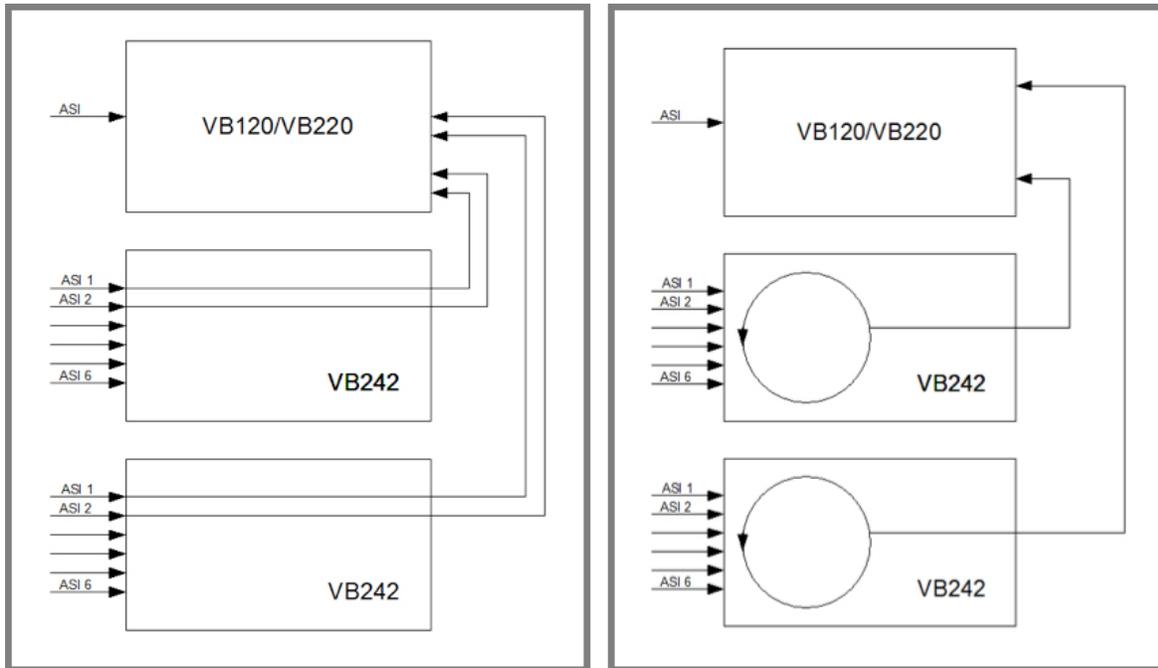
ASI INPUTS
BNC Connector: female

MECHANICAL
Standard 19" 1RU rack-mount
Compatible with ACC/DCC IRU chassis

ENVIRONMENT SPECIFICATIONS
Operating temperature: 0°C to 45°C
Storage temperature: -20°C to 70°C
Operating humidity: 5% to 95% non-condensing

CONTROL AND MANAGEMENT
Fully controlled through backplane
Accessible through master VB120 or VB220 user interface

POWER SUPPLY REQUIREMENTS
Draws power from backplane
Maximum 5W dissipated per card