

The VB260 is an integral part of the breakthrough Full Service Monitoring concept.



The RFC4445 based MDI Media Window displays content loss and network jitter in a comprehensive "flow" view for correlation and status at-a-glance.



Return Data Path enables sourcing of the remote signal back to the NOC or HeadEnd for detailed analysis. Limits travel expenses and need for remote engineering.

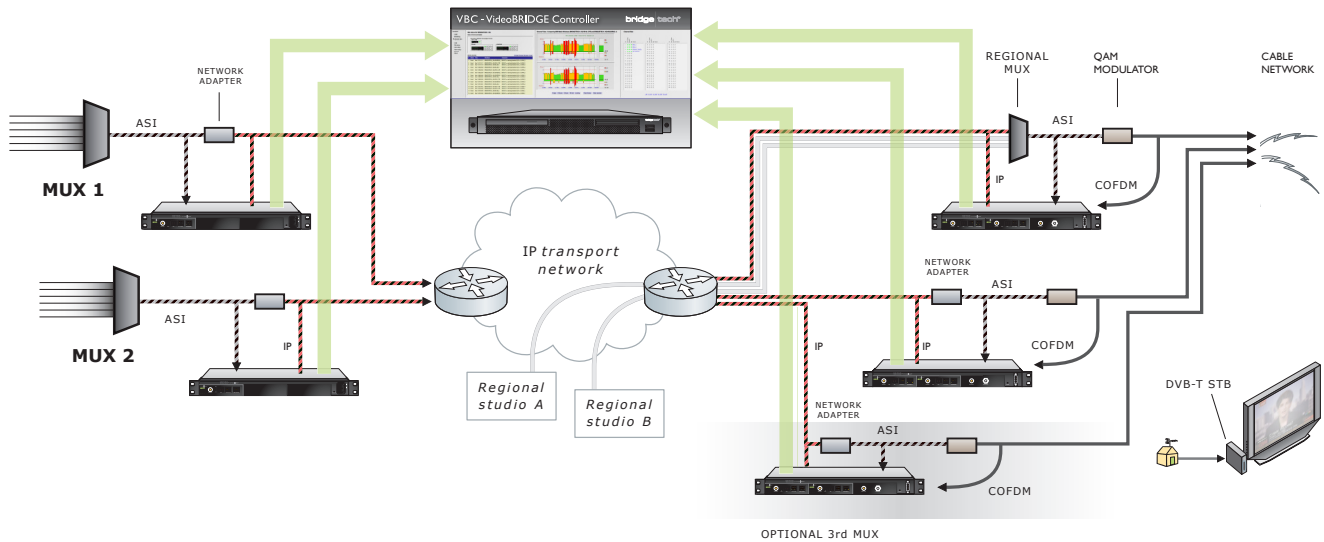
**VB260 is a QAM input option card for the BRIDGETECH VB200 IRU rack-mount chassis. The VB260 input option offers monitoring of QAM signals as found in digital cable networks. The VB200 chassis can be equipped with a single VB220 IP PROBE master card and up to two VB260 QAM input cards under its control. The complete configuration offers monitoring of up to 180 IP MPTS/SPTS multicasts as well as Priority I ETR 101-290 monitoring of one ASI input and two QAM modulators making the unit ideal for hybrid networks where IP is used as a carrier from head-end to the regional modulators.**

The VB260 QAM input option card is an ideal solution for complete monitoring in QAM only cable networks or hybrid IP networks. One VB260 module is capable of demodulating a QAM modulator for ETR 101 290 Priority I fault detection and alarm generation in the full DVB-C range (51 – 858 Mhz).

By running in sweep mode the VB260 module is further capable of measuring analogue signal levels, in effect offering the operator a basic frequency analyser function at the deployment location.

#### Features:

- All Bands DVB-C Receiver (51 – 858 Mhz)
- Fully compliant with ETS 300 249 specification for DVB-C applications
- ITU-T J.83 (Annex A, B & C)
- Support up to 256QAM
- Wide symbol rate of 0.87 to 6.9Mbaud
- Built-in digital SAW filter
- Extended Euro-card form factor compatible with VB200 chassis
- Hot swappable module
- RF input – F connector
- Round-robin channel testing
- LED indicating QAM sync
- Analogue RF carrier signal level measurements
- Dual-ASI outputs for monitoring purposes
- Fully controlled via backplane in VB200
- Built-in general purpose alarm relay (GPI)



## MONITORING FEATURES:

- Demodulates QAM transponder for ETR 101-290 Priority 1 analysis
- Analogue signal strength measurements (sweep mode or static)

## RF INPUT:

- F-connector, female

## ASI OUTPUTS:

- Two 75 ohm BNC

## ALARM RELAY

- 9-pin DSUB, male
- 3-pin relay contacts

## MECHANICAL:

- Extended Euro card
- Compatible with VB200 IRU chassis

## ENVIRONMENT SPECIFICATIONS:

- Operating temperature: 0°C to 50°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 VB220 user interface

## POWER SUPPLY REQUIREMENTS:

- Draws power from backplane (+5V)
- Maximum 5W power dissipated per card

## COMPLIANCE:

CE-marked in accordance to low voltage directive (LVD) 73/23/EEC and EMC directive 89/336/EEC. Compliant to requirements for US and Canada. Designed for CSA approval. Specifications and product availability are subject to change without notice.

## BRIDGE Technologies Co AS

Address: Mølleparken 4  
0459 Oslo  
Norway

Phone main: +47 22 38 51 00  
Telefax: +47 22 38 51 01

E-mail: info@bridgetech.tv  
Internet: www.bridgetech.tv