The 500IDA9-IG reclocking distribution amplifier provides high quality distribution of facility SD-SDI signals. This module features an auto-sensing equalized input which generates nine reclocked outputs and is especially useful projects where long cables runs are encountered.

Unlike other traditional DA's on the market, this module has been designed to support additional broadcast functionality such as signal monitoring, audio shuffling and loudness control. These features are standard features on this device therefore providing more value to an already high performance distribution amplifier!

The 500IDA9-IG is VistaLINK® capable, offering 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)
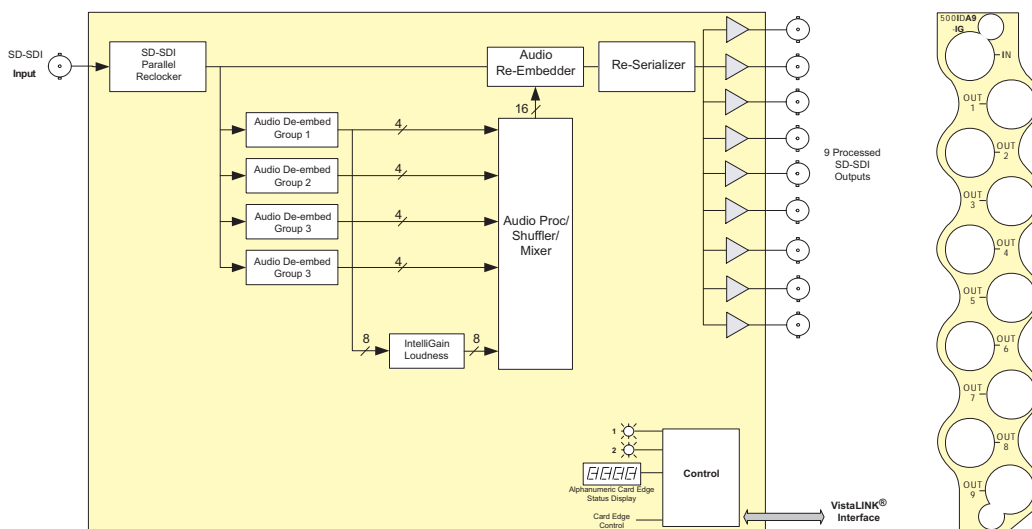
This device:
- **Provides nine reclocked outputs from the SD-SDI input**
- **Provides enhanced signal reclocking and conditioning**
- **Offers embedded mono audio channel shuffling**
- **Offers award winning IntelliGain™ loudness control**
- **SNMP configuration via 7700FC Evertz frame controller**

The 500IDA9-IG occupies 1 card slot and can is housed in the 3RU 500FR frames which have a 16 slot capacity. The 500FC or 500FC-DA-HD frame controller is required for configuration.

▶Features & Benefits

- SD-SDI input with nine reclocked outputs
- Long reach cable performance
- Embedded audio channel shuffling
- ITU-R BS. 1770 Loudness control

- Input signal presence detection
- Real time VistaLINK monitoring and trending
- High density approach offers 15 modules within 3RU

▶Specifications

Serial Video Input:

Standard	SMPTE 259M-C 525i/59.94Hz or 625i/50Hz
Connector:	BNC per IEC 61169-8 Annex A
Input Equalization:	Automatic up to 350m @ 270Mb/s
Return Loss:	> 20db up to 270MHz

Serial Video Outputs:

Standard:	Same as input
Number of Outputs:	9
Connector:	BNC per IEC 61169-8 Annex A
Signal Level:	800mV nominal

Electrical:

Voltage:	+12V DC
Power:	9W
EMI/RFI:	Complies with FCC Part 15 Class A EU EMC Directive

Physical:

Number of Slots:	1

▶Ordering Information

500IDA9-IG	SD-SDI Intelligent 1x9 Distribution Amplifier with IntelliGain (500FC or 500FC-DA-HDrequired for configuration)

Enclosures
500FR

exponent
Compact High Density Distribution Frame