

# 3G/H/SD SDI VIDEO DISTRIBUTION AMPLIFIERS

The **DV-201**, **DV-207**, **DV-208**, **DV-212**, **DV-222** and **DV-228** are 3G/H/SD SDI Distribution Amplifiers. These units feature high-performance & low-cost and are able to distribute 3Gb/s, 1.5Gb/s & 270Mb/s data rates. They automatically detect the data rate and then re-clock and equalize the signal. These Distribution Amplifiers can equalize 400m @ 270Mb/s, 200m @ 1.5Gb/s and 140m @ 3Gb/s. Each of the units are DVB-ASI compliant at 270Mb/s. When the units are in Reclock mode, they automatically lock to and reclock the DVB-ASI signal. Additionally, the **DV-207**, **DV-208**, **DV-212**, **DV-222** and **DV-228** provide a non-reclocked loop output.

## Features:

- Automatic Input Rate Detection
- Reclocking & Equalization
- Rate Indicators
- 270Mb/s, 1.5Gb/s, 3Gb/s
- Reclocking Bypass Switch
- DVB/ASI Compliant @ 270Mb/s



## SPECIFICATIONS

- POWER:** 110 – 120 VAC, 50 – 60 Hz, 5 Watts maximum  
85 – 264 VAC, 47 – 63 Hz, 15 W maximum (DV-212, DV-222, DV-228)
- MECHANICAL:** Desktop Enclosure 1.6" H x 7" W x 5" D (DV-201)  
Die Cast Box 4.7" H x 3.7" W x 2.2" D (DV-207, DV-228)  
Die Cast Box 7.4" H x 4.7" W x 2.2" D (DV-208, DV-222)  
Rackmount Enclosure 1.75" H x 19" W x 4.8" D (DV-212)
- VIDEO STANDARDS:** SMPTE 259M-C, SMPTE 292M and SMPTE 424M compliant
- VIDEO INPUT:** 1 BNC  
1 BNC per channel (DV-222)
- LOOP THROUGH:** 1 BNC (DV-207, DV-208, DV-212, DV-228)  
1 BNC per channel (DV-222)
- CABLE EQUALIZATION:** 2.97Gb/s: 140m @ 0.3UI (Belden 1694A cable)  
1.485 Gb/s: 200m @ 0.3UI (Belden 1694A cable)  
270 Mb/s: 400m (Belden 1694A cable)
- VIDEO OUTPUTS:** 4 BNCs (DV-201, DV-207)  
4 BNCs per channel (DV-222)  
8 BNCs (DV-228)  
12 BNCs (DV-208, DV-212)
- OPTIONS:** DC, J, P, P2, UL (DV-201)  
DC, J, UL (DV-207, DV-208)  
DC, UL (DV-212, DV-222, DV-228)

