

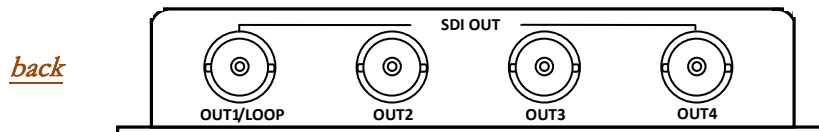
### Description

Based on Mini BOX platform, MIO-VSD is a small distribution amplifier which can distribute one channel digital video to four. The box can easily amplify the source signal (embedded audio also are supported), so does ASI. For safety and reliability, it supports outputting the source signal when power down. It also supports digital signal of 525i30 and 625i25.

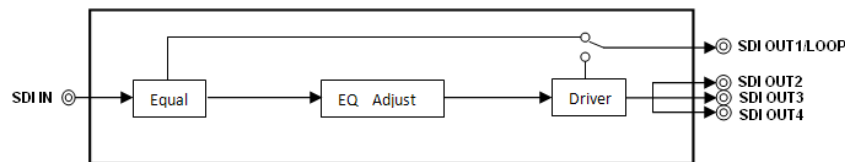
The lights on the Mini box indicate the states of source signal and power, so as to let the user know the information immediately.

Be known for compact function, the amplifier is widely used in variety of environments, like TV program post production, studio, broadcast, etc.

### Interface (Refer to real product)



### Block Diagram



### Ordering Information

MIO-ADA	1 in/ 4 out analog audio distribution amplifier
MIO-VDA	1 in/ 4 out analog video distribution amplifier
MIO-VSD	1 in/ 4 out SDI video distribution amplifier
MIO-VSD-RC	1 in/ 4 out SDI Video ReClocking distribution amplifier
MIO-VSD-HD	1 in/ 4 out HD/SD-SDI video distribution amplifier
MIO-VSD-HD-RC	1 in/ 4 out HD/SD-SDI ReClocking Video distribution amplifier

### Key Features

- Support 525i30, 625i25 and ASI
- Support embedded audio, and amplify with 20 bit processing and relock
- Support output the source signal directly when power down
- Indicate lights tell the states of source signal and power immediately
- Based on Mini BOX platform, with high performance, widely used in the fields of studio, broadcast and other places

### Specification

#### Digital Video Input:

Input interface: 1\* SDI, BNC connector  
 Impedance: 75ohms  
 Format: SMPTE 259M-C; 270Mb/s  
 Max cable length: <200m (Belden 8281)

#### Digital Video Output:

Output interface: 4\*-SDI, BNC connector  
 Impedance: 75ohms  
 Format: SMPTE 259M-C; 270Mb/s  
 Amplitude: 800mV ± 5%  
 Jitter: <0.2UI

#### Status Indication:

Power states (Indicate by shining or extinguishing of the red and green LED)

#### Physics:

Power: 9VDC 1.6A  
 Size: 123mm\*92mm\*29mm