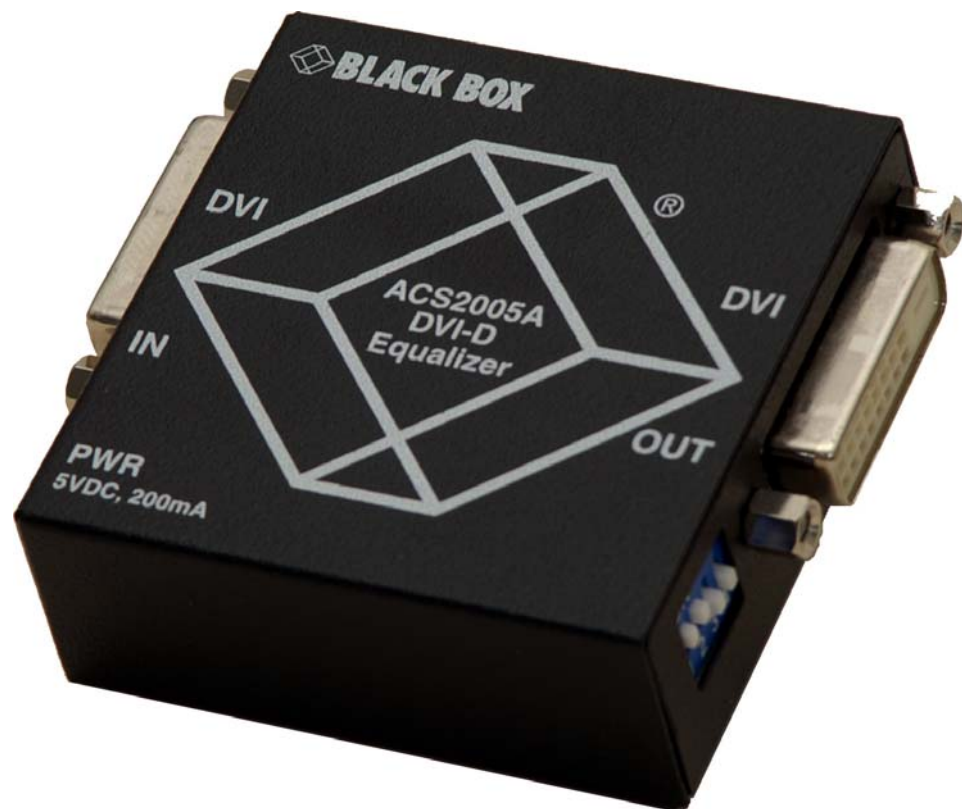


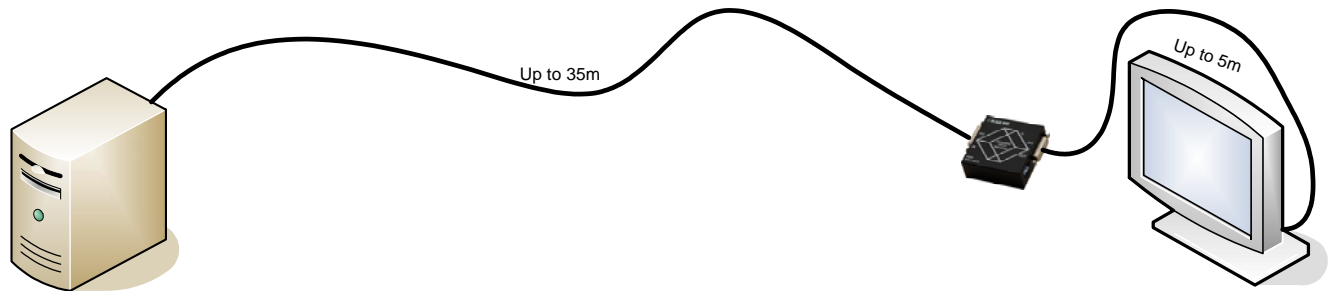
## DVI-D Dual Link Equalizer



### Application

The dual link DVI-D equalizer is intended to overcome the 5m distance limitation of the DVI specification. With a maximum distance of up to 35m between the graphic adapter card and the equalizer plus another 5m from equalizer to the flat panel display the maximum resolution of 2560x1600x60Hz is supported using passive DVI cable. ( Black Box recommends High Quality cable such as TTL SLAC which is available in customized length. )

The ACS2005A-DL draws its power from the supplied power supply.



### Configuration

The ACS2005A-DL only allows to setup one parameter via the DIP switch next to the DVI out port. The equalizer can be set to either pass through the DDC signals (factory default) or to emulate DDC signals. When set to pass through DDC also HDCP ( High Bandwidth Digital Content Protection ) devices are supported.

#### Possible DIP-Switch Settings:

##### Factory Setting



**DDC-THROUGH SELECTION**  
**-HDCP-Support through Monitor-**

##### Alternative Setting



**DDC-EMULATION SELECTION**  
**-No HDCP-Support-**

**!! Other combinations are not supported !!**  
**!! Do not change while operating !!**

## Specifications

### Interfaces

(2) DVI-D F  
(1) 2,5mm barrel connector 5VDC/200mA (+ center )  
spare power supply: PSU1006E-R2

### Size

WxHxD in mm  
67 x 57 x 23

### Indicators

1 LED (blue) Power

### Approvals

CE

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