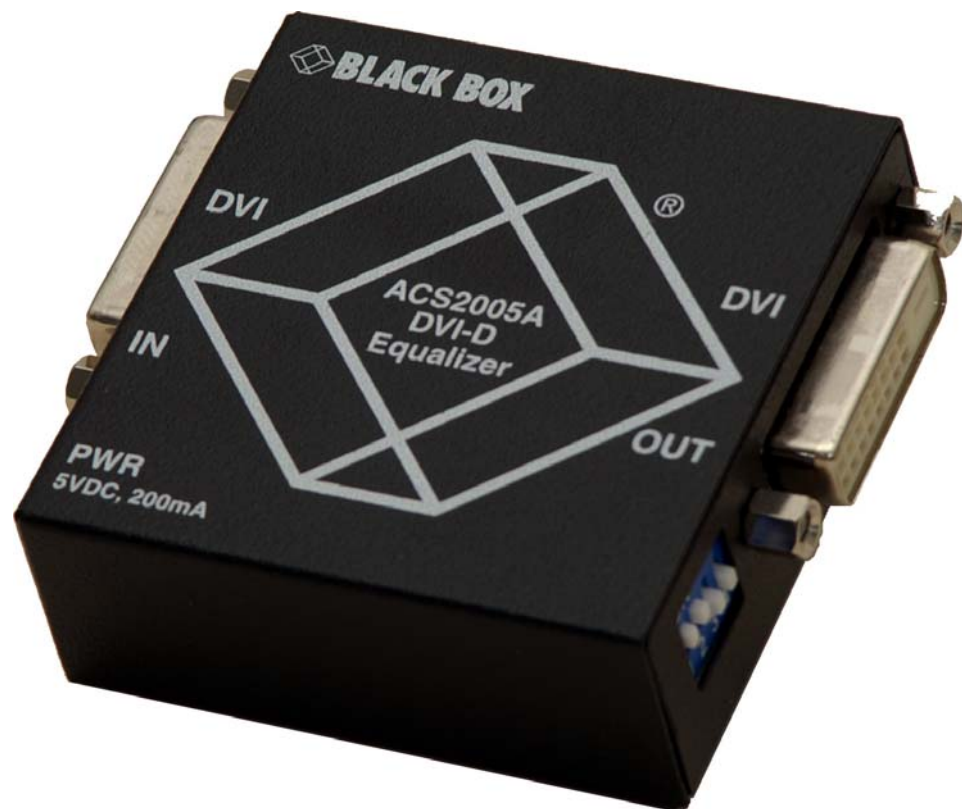
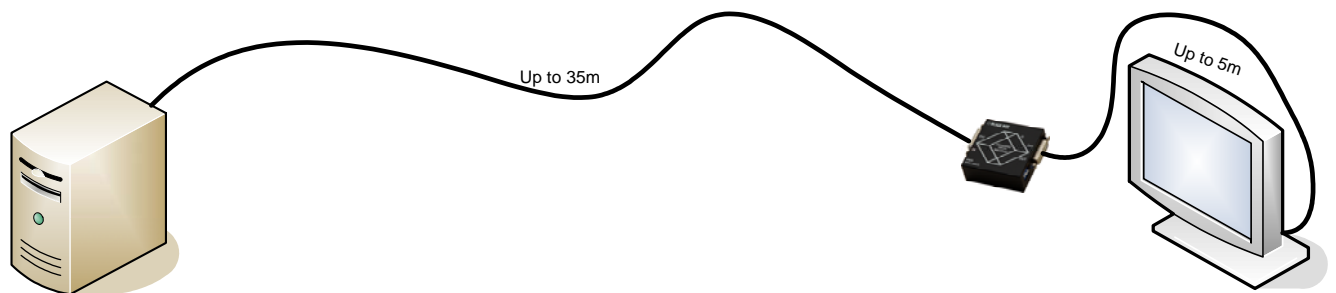


## DVI-D Single Link Equalizer



### Application

The single 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 1920x1200x60Hz is supported using passive DVI cable. ( Black Box recommends High Quality cable such as EVNDVI02S which is available in customized length and genders. )  
Normal operation does not require any external power supply as the ACS2005A draws its power from the DVI interface an optional power supply ( PS649-R2 ) can be used.



### Configuration

The ACS2005A 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 )

### Size

WxHxD in mm  
67 x 57 x 23

### Indicators

1 LED (blue) Power

### Approvals

CE ( pending )

**BlackBox subsidiary contact details**

Country	Web Site/Email	Phone	Fax
United States	<a href="http://www.blackbox.com">www.blackbox.com</a>	+1 724-746-5500	+1 724-746-0746
United Kingdom	<a href="http://www.blackbox.co.uk">www.blackbox.co.uk</a> techhelp@blackbox.co.uk	+44 118 965 6000	+44 118 965 6001
Austria	<a href="http://www.black-box.at">www.black-box.at</a> support@black-box.at	+43 1 256 98 56	+43 1 256 98 56 100
Belgium	<a href="http://www.blackbox.be">www.blackbox.be</a> <a href="mailto:support.nederlands@blackbox.be">support.nederlands@blackbox.be</a> <a href="mailto:support.french@blackbox.be">support.french@blackbox.be</a> <a href="mailto:support.english@blackbox.be">support.english@blackbox.be</a>	+32 2 725 85 50	+32 2 725 9212
Denmark	<a href="http://www.blackbox.dk">www.blackbox.dk</a> blackbox@blackbox.dk	+32 2 725 85 50	+32 2 725 92 12
Finland	<a href="http://www.blackbox.fi">www.blackbox.fi</a> tuki@blackbox.fi	+35 201 888 800	+35 201 888 808
France	<a href="http://www.blackbox.fr">www.blackbox.fr</a> tech@blackbox.fr	+33 1 45 606 717	+33 1 45 606 747
Germany	<a href="http://www.black-box.de">www.black-box.de</a> techsupp@black-box.de	+49 811 5541 110	+49 811 5541 499
Ireland	<a href="http://www.blackbox.co.uk">www.blackbox.co.uk</a> techhelp@blackbox.co.uk	+353 1 662 2466	+353 1 662 2477
Italy	<a href="http://www.blackbox.it">www.blackbox.it</a> supporto.tecnico@blackbox.it	+39 02 27 404 700	+39 02 27 400 219
Netherlands	<a href="http://www.blackbox.nl">www.blackbox.nl</a> techsupport@blackbox.nl	+31 30 241 7799	+31 30 241 4746
Norway	<a href="http://www.blackboxnorge.no">www.blackboxnorge.no</a> support@blackboxnorge.no	+47 55 300 710	+47 55 300 701
Spain	<a href="http://www.blackbox.es">www.blackbox.es</a> tecnico@blackbox.es	+34 9162590732	+34 916239784
Sweden	<a href="http://www.blackboxab.se">www.blackboxab.se</a> support@blackboxab	+46 8 44 55 890	+46 08 38 04 30.se
Switzerland	<a href="http://www.black-box.ch">www.black-box.ch</a> support@black-box.ch	+41 55 451 70 75	+41 55 451 70 71