



Dual DVI-D Terminal Board for 3D TY-FB30DD3D

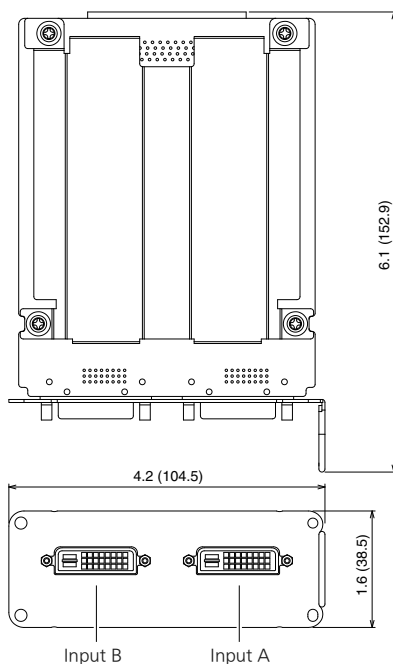
Summary

The TY-FB30DD3D is compatible with the DVI simultaneous input system that is standard for CG applications. Left-eye and right-eye image signals output simultaneously from a PC are sent through DVI cables.

Specifications (Design and specifications are subject to change without notice.)

Input Terminal	DVI-D IN (A) DVI-D IN (B)	DVI-D 24 pin x 1 (2D/3D Lch) DVI-D 24 pin x 1 (3D Rch)
Compatible 3D signal		Simultaneous / Side by Side / Top and Bottom
Content protection		Compatible with HDCP 1.1
Dimensions (W x H x D)		4.2" x 1.6" x 6.1" (104.5 x 38.5 x 152.9 mm)
Weight		Approx. 0.55 lbs. (250.0 g)
Carton Dimensions (W x H x D)		12.0" x 2.4" x 9.8" (305.0 x 60.0 x 250.0 mm)
Gross Weight		Approx. 1.43 lbs. (650.0 g)
Accessories		Screw x 4, Terminal function label (1 sheet), Operating instruction
UPC Code		037988159857

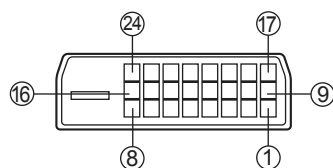
Dimensions



Cautions: This drawing is not a scale

Units: inches (mm)

DVI-D input connector pin layout



Connection port view

Pin No.	Signal Name	Pin No.	Signal Name
①	T.M.D.S. data 2-	⑬	_____
②	T.M.D.S. data 2+	⑭	+5 V DC
③	T.M.D.S. data 2 shield	⑮	Ground
④	_____	⑯	Hot plug detect
⑤	_____	⑰	T.M.D.S. data 0-
⑥	DDC clock	⑱	T.M.D.S. data 0+
⑦	DDC data	⑲	T.M.D.S. data 0 shield
⑧	_____	⑳	_____
⑨	T.M.D.S. data 1-	㉑	_____
⑩	T.M.D.S. data 1+	㉒	T.M.D.S. clock shield
⑪	T.M.D.S. data 1 shield	㉓	T.M.D.S. clock+
⑫	_____	㉔	T.M.D.S. clock-

● Applicable Input Signals

DVI-D/3D DVI-D (Side by Side / Top and Bottom)

Signal name	Resolution	Dot clock frequency (MHz)	Horizontal frequency (kHz)	Vertical frequency (Hz)
525 (480) /60p	720 x 480	27.00	31.47	59.94
625 (576) /50p	720 x 576	27.00	31.25	50.00
750 (720) /60p	1,280 x 720	74.25	45.00	60.00
750 (720) /50p	1,280 x 720	74.25	37.50	50.00
1,125 (1,080) /60i	1,920 x 1,080	74.25	33.75	60.00
1,125 (1,080) /60p	1,920 x 1,080	148.50	67.50	60.00
1,125 (1,080) /50i	1,920 x 1,080	74.25	28.13	50.00
1,125 (1,080) /50p	1,920 x 1,080	148.50	56.26	50.00
1,125 (1,080) /30p	1,920 x 1,080	74.25	33.75	30.00
1,125 (1,080) /25p	1,920 x 1,080	74.25	28.13	25.00
1,125 (1,080) /24p	1,920 x 1,080	74.25	27.00	24.00
VGA60	640 x 480	25.18	31.47	59.94
WVGA60	852 x 480	34.24	31.47	59.94
SVGA60	800 x 600	40.00	37.88	60.32
WSVGA60	1,066 x 600	53.00	37.64	59.94
XGA60	1,024 x 768	65.00	48.36	60.00
XGA50	1,024 x 768	51.89	39.55	50.00
WXGA60	1,366 x 768	87.44	48.36	60.00
WXGA50	1,366 x 768	69.92	39.55	50.00
XGA+	1,152 x 864	81.62	53.70	60.00
SXGA60	1,280 x 1,024	108.00	63.98	60.02
SXGA+	1,400 x 1,050	122.61	65.22	60.00
UXGA60	1,600 x 1,200	162.00	75.00	60.00
WUXGA60	1,920 x 1,200	154.00	74.04	59.95

3D Dual DVI-D (Simultaneous)

Signal name	Resolution	Dot clock frequency (MHz)	Horizontal frequency (kHz)	Vertical frequency (Hz)
525 (480) /60p	720 x 480	27.00	31.47	59.94
625 (576) /50p	720 x 576	27.00	31.25	50.00
750 (720) /60p	1,280 x 720	74.25	45.00	60.00
750 (720) /50p	1,280 x 720	74.25	37.50	50.00
1,125 (1,080) /60i	1,920 x 1,080	74.25	33.75	60.00
1,125 (1,080) /50i	1,920 x 1,080	74.25	28.13	50.00
1,125 (1,080) /30p	1,920 x 1,080	74.25	33.75	30.00
1,125 (1,080) /25p	1,920 x 1,080	74.25	28.13	25.00
1,125 (1,080) /24p	1,920 x 1,080	74.25	27.00	24.00
VGA60	640 x 480	25.18	31.47	59.94
WVGA60	852 x 480	34.24	31.47	59.94
SVGA60	800 x 600	40.00	37.88	60.32
WSVGA60	1,066 x 600	53.00	37.64	59.94
XGA60	1,024 x 768	65.00	48.36	60.00
XGA50	1,024 x 768	51.89	39.55	50.00
XGA+	1,152 x 864	81.62	53.70	60.00