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Appendix

Display Modes

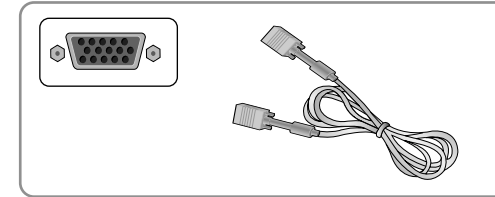
Mode	Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)	Pixel Clock Frequency(MHz)	Sync Polarity(H/V)
VGA	720 X 400	31.468	70.087	28.322	-/+
	640 X 480	31.468	59.940	25.175	-/-
		35.000	66.670	30.240	-/-
SVGA	800 X 600	37.500	75.000	31.500	-/-
		37.879	60.300	40.000	+/+
		48.077	72.188	50.000	+/+
XGA	1024 X 768	46.875	75.000	49.500	+/+
		48.363	60.004	65.000	-/-
		56.476	70.000	75.000	-/-
SXGA	1280 X 1024	60.023	75.029	78.750	+/+
		63.981	60.020	108.000	+,-/+,-
		79.976	75.025	135.000	+/+

* The optimal resolution is 1280 × 1024@60Hz

15-pin D-Sub Connector

- Input signal : Analog RGB
- 15-pin D-Sub connector

Pin No.	Signal Name	Pin No.	Signal Name	Pin No.	Signal Name
1	Analog Red Input	6	Analog Red Ground	11	Ground
2	Analog Green Input	7	Analog Green Ground	12	DDC Data
3	Analog Blue Input	8	Analog Blue Ground	13	Horizontal Sync
4	Ground	9	No Connect	14	Vertical Sync
5	DDC Ground	10	Sync Ground	15	DDC Clock

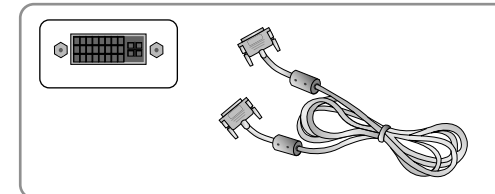


15-pin D-Sub Signal Cable

24-pin DVI Connector *1

- Input signal : Digital
- 24-pin DVI connector

Pin No.	Signal Name	Pin No.	Signal Name	Pin No.	Signal Name
1	TMDS DATA2-	9	TMDS DATA1-	17	TMDS DATA-
2	TMDS DATA2+	10	TMDS DATA1+	18	TMDS DATA+
3	DGND	11	DGND	19	DGND
4	NC	12	NC	20	NC
5	NC	13	NC	21	NC
6	DDC CLOCK	14	+5V POWER	22	DGND
7	DDC DATA	15	AGND	23	TMDS CLOCK+
8	Analog vertical Sync	16	NC	24	TMDS CLOCK-



24-pin DVI Cable

*1 : For HL900D Only