

**BOLAND MONITORS – SIGNAL FORMAT MODE SUPPORT TABLE**

UPDATED: 11/09/07

**RGB/VGA (RGsB, RGBs, and RGBHV), and DVI PORTS (VESA):** (for additional DVI modes, see next table)

Mode	Resolution	Clk [MHz]	Horizontal freq [KHz]	Vertical freq [Hz]	Sync Mode
T_70	720x400 70Hz	28.322	31.469	70.087	Digital Separate Sync
T_70	720x400 70Hz	28.322	31.469	70.087	Sync On Green
V_60	640x480 60Hz	25.175	31.469	59.940	Digital Separate Sync
V_60	640x480 60Hz	25.175	31.469	59.940	Sync On Green
V_60	640x480 60Hz	25.175	31.469	59.940	Composite Sync
V_72	640x480 72Hz	31.500	37.861	72.809	Digital Separate Sync
V_72	640x480 72Hz	31.500	37.861	72.809	Sync On Green
V_72	640x480 72Hz	31.500	37.861	72.809	Composite Sync
V_75	640x480 75Hz	31.500	37.500	75.000	Digital Separate Sync
V_75	640x480 75Hz	31.500	37.500	75.000	Sync On Green
V_75	640x480 75Hz	31.500	37.500	75.000	Composite Sync
SV_56	800x600 56Hz	36.000	35.156	56.250	Digital Separate Sync
SV_56	800x600 56Hz	36.000	35.156	56.250	Sync On Green
SV_56	800x600 56Hz	36.000	35.156	56.250	Composite Sync
SV_60	800x600 60Hz	40.000	37.879	60.317	Digital Separate Sync
SV_60	800x600 60Hz	40.000	37.879	60.317	Sync On Green
SV_60	800x600 60Hz	40.000	37.879	60.317	Composite Sync
SV_72	800x600 72Hz	50.000	48.077	72.188	Digital Separate Sync
SV_72	800x600 72Hz	50.000	48.077	72.188	Sync On Green
SV_72	800x600 72Hz	50.000	48.077	72.188	Composite Sync
SV_75	800x600 75Hz	49.500	46.875	75.000	Digital Separate Sync
SV_75	800x600 75Hz	49.500	46.875	75.000	Sync On Green
SV_75	800x600 75Hz	49.500	46.875	75.000	Composite Sync

X_60	1024x768 60Hz	65.000	48.363	60.004	Digital Separate Sync
X_60	1024x768 60Hz	65.000	48.363	60.004	Sync On Green
X_60	1024x768 60Hz	65.000	48.363	60.004	Composite Sync
X_70	1024x768 70Hz	75.000	56.476	70.069	Digital Separate Sync
X_70	1024x768 70Hz	75.000	56.476	70.069	Sync On Green
X_70	1024x768 70Hz	75.000	56.476	70.069	Composite Sync
X_75	1024x768 75Hz	78.750	60.023	75.029	Digital Separate Sync
X_75	1024x768 75Hz	78.750	60.023	75.029	Sync On Green
X_75	1024x768 75Hz	78.750	60.023	75.029	Composite Sync
SX_60	1280x1024 60Hz	108	63.81	60.020	Digital Separate Sync
SX_60	1280x1024 60Hz	108	63.81	60.020	Sync On Green
SX_60	1280x1024 60Hz	108	63.81	60.020	Composite Sync
SX_75	1280x1024 75Hz	135	79.976	75	Digital Separate Sync
SX_75	1280x1024 75Hz	135	79.976	75	Sync On Green
SX_75	1280x1024 75Hz	135	79.976	75	Composite Sync
UX_60	1600x1200 60Hz	162	75.000	60	Digital Separate Sync
UX_60	1600x1200 60Hz	162	75.000	60	Sync On Green
UX_60	1600x1200 60Hz	162	75.000	60	Composite Sync
WUX_60	1920x1080 60Hz	172.8	67.5	60	Digital Separate Sync
WUX_60	1920x1080 60Hz	172.8	67.5	60	Sync On Green
WUX_60	1920x1080 60Hz	172.8	67.5	60	Composite Sync
WUX_60	1920x1200 60Hz	193.2	74.5	60	Digital Separate Sync
WUX_60	1920x1200 60Hz	193.2	74.5	60	Sync On Green
WUX_60	1920x1200 60Hz	193.2	74.5	60	Composite Sync

**Please Note:**

The monitor has been designed to take a very wide range of input signals. However, to optimize the PC's graphics performance, we recommend choosing a 60Hz vertical refresh rate. Also, on some models, the internal row driver in the glass LCD panel itself may in some cases not support refresh rates higher than 60Hz.

**HD/SD SDI and HD/SD DVI Digital, and HD/SD Component Analog Ports:**

Mode	Resolution	Horizontal freq [KHz]	Vertical freq [Hz]
480i/59	720x483	15.735	59.94
480i/60	720x483	15.750	60
480p/59	720x483	31.469	59.94
480p/60	720x483	31.500	60
576i/50	720x576	15.625	50
576p/50	720x576	31.250	50
720p/59	1280x720	44.955	59.94
720p/60	1280x720	45.000	60
720p/23.98	1280x720	17.885	23.98
720p/24	1280x720	17.900	24
720p/25	1280x720	18.400	25
720p/29.97	1280x720	22.478	29.97
720p/30	1280x720	22.500	30
1035i/30	1920x1035	33.750	30
1080i/50	1920x1080	28.125	25
1080i/50	1920x1080	31.250	25
1080i/23	1920x1080	.	23.98
1080i/24	1920x1080	.	24
1080i/25	1920x1080	.	25
1080i/29	1920x1080	33.716	29.97
1080i/30	1920x1080	33.750	30
1080p/23	1920x1080	.	23.98p, pSF
1080p/24	1920x1080	.	24
1080p/25	1920x1080	28.100	25
1080p/29	1920x1080	.	29.97
1080p/30	1920x1080	33.700	30

**COMPOSITE, S-VIDEO & SD COMPONENT VIDEO INPUT PORTS:**

System	Resolution	Horizontal freq [KHz]	Vertical freq [Hz]
Std. NTSC (525)	720x480 (480i)	15.7	59.94/60
NTSC 4.43 (525+4.43 MHz chroma)	720x480 (480i)	15.7	59.94/60
Std. PAL (625)	720x576 (576i)	15.6	50
Std. PAL M (525)	720x576 (576i)	15.6	50
SECAM (625)	720x576 (576i)	15.6	50