



Monitor Comparison Guide

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BON Broadcast monitors

CATEGORY	MODEL	LCD						INPUT/OUTPUT					INPUT SIGNAL		
		Size	Resolution	Color Depth	Viewing Angle	Luminance	Contrast Ratio	SDI	Analog	HDMI	DVI	External Sync	SDI Input	Analog Input	
Field Monitors	FM-055F	5.5"	1920x1080	8bit	160/160	450cd/m ²	1000:1	1/1	-	1/1	-	-	▲	■	-
	FM-052SC	5"	800x480	8bit	170/170	300cd/m ²	600:1	1/1	-	1/-	-	-	▲	■	-
	FM-073SC	7"	1024x600	8bit	160/160	400cd/m ²	900:1	2/1	3/-	1/1	-	-	▲	■	△○□
Cost Effective BEM Series	BEM-072	7"	1024x600	8bit	160/160	400cd/m ²	900:1	1/1	-	1/-	-	-	▲	■	-
	BEM-182	18.5"	1366x768	6+FRC 2bit	170/160	250cd/m ²	100:1	1/1	-	1/-	-	-	▲	■	-
	BEM-212	21.5"	1920x1080	8bit	178/178	250cd/m ²	300:1	1/1	-	1/-	-	-	▲	■	-
	BEM-242	24"	1920x1080	8bit	178/178	250cd/m ²	300:1	1/1	-	1/-	-	-	▲	■	-
Cost Effective BSM Series	BSM-212i	21.5"	1920x1080	8bit	178/178	250cd/m ²	300:1	2/2	3/3	1/-	1/-	-	■	△○□	
	BSM-242i	24"	1920x1080	8bit	178/178	250cd/m ²	300:1	2/2	3/3	1/-	1/-	-	■	△○□	
BSM Series	BSM-093N3G	9"	960x540	8bit	170/170	400cd/m ²	1000:1	2/2	3/3	1/-	1/-	-	▲	■	△○□
	BSM-173N3G	17.3"	1920x1080	6+FRC 2bit	160/140	400cd/m ²	600:1	2/2	3/3	1/-	1/-	-	▲	■	△○□
	BSM-183N3G	18.5"	1366x768	6+FRC 2bit	170/160	250cd/m ²	1000:1	2/2	3/3	1/-	1/-	-	▲	■	△○□
	BSM-213N3G	21.5"	1920x1080	6+FRC 2bit	178/178	250cd/m ²	1000:1	2/2	3/3	1/-	1/-	-	▲	■	△○□
	BSM-243N3G	24"	1920x1200	6+FRC 2bit	178/178	300cd/m ²	1000:1	2/2	3/3	1/-	1/-	-	▲	■	△○□
	BSM-463N3G	46"	1920x1080	6+FRC 2bit	178/178	500cd/m ²	4000:1	2/2	3/3	1/-	1/-	-	▲	■	△○□
BXM Series	BXM-173T3G	17"	1920x1080	10bit	178/178	300cd/m ²	800:1	2/2	3/3	1/-	1/-	1/1	▲●■	△○□	
	BXM-243L3G	24"	1920x1200	6+FRC 2bit	178/178	300cd/m ²	1000:1	2/2	3/3	1/-	1/-	1/1	▲●■	△○□	
	BXM-323L3G	31.5"	1920x1080	8bit	178/178	350cd/m ²	3000:1	2/2	3/3	1/-	1/-	1/1	▲●■	△○□	
TXM Series	TXM-243T3G	24.5"	1920x1080	10bit	178/178	400cd/m ²	5000:1	2/2	3/3	1/-	1/-	1/1	▲●■	△○□	
High Bright	BEM-072H	7"	1024x600	8bit	160/160	1100cd/m ²	900:1	1/1	-	1/-	-	-	▲	■	-
	FM-073SCH	7"	1024x600	8bit	160/160	1100cd/m ²	900:1	2/1	3/-	1/1	-	-	▲	■	△○□
	BSM-153H	15"	1024x768	8bit	160/160	1500cd/m ²	700:1	2/2	3/3	1/-	1/-	-	▲	■	△○□
	BSM-183H	18.5"	1366x768	6+FRC 2bit	170/160	1200cd/m ²	1000:1	2/2	3/3	1/-	1/-	-	▲	■	△○□
	BSM-213H	21.5"	1920x1080	8bit	178/178	1200cd/m ²	3000:1	2/2	3/3	1/-	1/-	-	▲	■	△○□
Recordable Series	RM-072S	7"	1024x600	8bit	160/160	400cd/m ²	900:1	2/2	3/3	1/-	1/-	-	▲	■	△○□
	BXM-183R3G	18.5"	1366x768	8bit	178/178	250cd/m ²	1000:1	2/2	3/3	1/-	1/-	1/1	▲●■	△○□	
Quad Series	BQM-170LS	17.3"	1920x1080	6+FRC 2bit	160/140	400cd/m ²	600:1	4/4	3/-	1/-	1/-	-	■	△○□	
	BQM-240LS	24"	1920x1200	8bit	178/178	400cd/m ²	1000:1	4/4	3/-	1/-	1/-	-	■	△○□	

See page 2 for Legend



Monitor Comparison Guide - Input Formats

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Input Signal Formats	SDI Input Signal	▲	SMPTE 425M AB	Level A(MS1, MS2, MS3, MS4), Level B(MS1, MS2, MS3, MS4)
		●	SMPTE 372M (Dual HD-SDI)	YCbCr(4:2:2), 1920x1080p(60,59.94,50) YCbCr/RGB(4:4:4), 1920x1080i(60,59.94,50), 1920x1080p(30,29.97,24,23.98),
■	SMPTE 274M/292M	1920x1080i(60,59.94,50), 1920x1080p(30,29.97,25,24,24sF,23.98,23.98sF)		
	SMPTE 296M	1280x720p(60,59.94,50)		
	SMPTE 260M	1920x1035i(60,59.94)		
	SMPTE 125M/259M	720x480i(60,59.94), 720x576i(50)		
	ITU-R BT.656	720x576i(50)		
	2K Format	2048x1080p(24,24sF,23.98,23.98sF)		
	Analog Input Signal	▲	YC(S-Video)	Y:1.0Vp-p, C:0.286Vp-p
○		Composite	1.0Vp-p(with sync), NTSC/PAL	
□		Component(Y/Pb/Pr)	Y:1.0Vp-p, Pb:0.7Vp-p, Pr:0.7Vp-p	
		Component(R/G/B)	G :1.0Vp-p(with Sync), B :0.7Vp-p, R :0.7Vp-p	
	PC-RGB Sync Level	R, G, B : 0.7Vp-p, H/V Sync : 4V ± 1Vp-p		