

SONY®



*MONITOR LINE-UP
Comparison Guide
2002-2003*

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THE TECHNOLOGY

Sony provides a wide range of monitors and often it can be difficult to advise customers on the exact model for a specific application.

This monitor guide will provide you with a quick and simple reference guide to the complete range of display products. The listing is broken down by application, i.e. broadcast and production.

For every application – Sony has your monitor solution. And if there's something you don't understand or if you need to check availability and prices, simply call your Account Manager.

Viewable area measured diagonally

22.5"

29.5"

22.5"

MULTIFORMAT
MONITORS

DTV (D) / E Cinema (F)
Viewing (L)



MODELS	BVM-F24U	BVM-D32E1WU	BVM-D24E1WU
Application	Evaluation	Evaluation	Evaluation
CRT Size	24 Inch 16 X 9 FD	32 Inch 16 X 9 FD	24 Inch 16 X 9 FD
Video System	1080/24p – 1080/24psf – 1080/60p ± 1080i	1080/24psf – 1080i – 720p – 480p – 480i	1080/24psf – 1080i – 720p – 480p – 480i
Resolution (4:3/16:9)	1000 TV Lines	1000 TV Lines	1000 TV Lines
Phosphor	SMPTE C	SMPTE C	SMPTE C
Color Temperature	D65, User w/Automatics	D65, User w/Automatics	D65, User w/Automatics
Composite Video Input	No	BKM 24N, 25P, 27T	BKM 24N, 25P, 27T
Y/C Input/Output	No	BKM 24N, 25P, 27T	BKM 24N, 25P, 27T
Analog RGB Input/Output	1	1 included, 9 w/BKM 48X	1 included, 9 w/BKM 48X
Y Pb Pr Input/Output	No	1 included, 9 w/BKM 48X	1 included, 9 w/BKM 48X
Computer Input	No	No	No
External Sync Input/Output	Yes	Yes	Yes
Audio Input/Output	No	No	No
Underscan	Yes	Yes	Yes
Blue Only	Yes	Yes	Yes
H/V Delay	Yes	Yes	Yes
4:3 Capacity	Yes	Yes	Yes
Manual Degauss	Yes	Yes	Yes
Dual Link HD 4:4:4	Yes (included)	No	No
SDI Interface	No	BKM 20D/BKM 21D	BKM 20D/BKM 21D
HDSDI Interface	Yes (included)	BKM-41HD/BKM42HD	BKM-41HD/BKM42HD
SDI w/Audio Decoding	No	No	No
i.LINK®	No	No	No
Beam Landing Correction	Yes	Yes	Yes
Digital Uniformity	Yes	Yes	Yes
Digital Convergence	Yes	Yes	No
Remote Control Terminal	9 Pin RS 485	9 Pin RS 485	9 Pin RS 485
Rack Mount	—	—	—
Power Requirements	AC 100 to 120V/220 to 240V 50/60hz	AC 100 to 120V/220 to 240V 50/60hz	AC 100 to 120V/220 to 240V 50/60hz
Power Consumption	250W	300W	250W
Dimensions (inches)	22.3W X 17H X 23.2D	31.3W X 21.4H X 27D	22.3W X 17H X 23.2D
Weight	110 lbs	210 lbs	110 lbs

19"



19"



13"



13"



BVM-D20F1U	PVM-20L5/1	BVM-D14H1U	BVM-D14H5U
Evaluation	Viewing	Viewing	Viewing
20 Inch 4 X 3	20 Inch 4 X 3	14 Inch 4 X 3	14 Inch 4 X 3
1080/24psf – 1080i – 720p – 480p – 480i	1080/24psf – 1080i – 1035i – 720p – 480p – 480i	1080/24psf – 1080i – 720p – 480p – 480i	1080/24psf – 1080i – 720p – 480p – 480i
900/700 TV Lines	800/600 TV Lines	800/600 TV Lines	800/600 TV Lines
SMPTE C	SMPTE C	SMPTE C	SMPTE C
D65, User w/Automatics	6500K/9300L/User (3200K-10,000K)	D65, User w/Automatics	D65, User w/Automatics
BKM 24N, 25P, 27T	2	BKM 127W	BKM 127W
BKM 24N, 25P, 27T	1	1	1
1 included, 9 w/BKM 48X	1 with loop thru (switchable between RGB & component)	1 included, 3 w/BKM 129X	1 included, 3 w/BKM 129X
1 included, 9 w/BKM 48X	1 with loop thru (switchable between RGB & component)	1 included, 3 w/BKM 129X	1 included, 3 w/BKM 129X
No	No	No	No
Yes	Yes	Yes	Yes
No	3	No	No
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
No	No	No	No
BKM 20D/BKM 21D	BKM 120D	BKM 120D	BKM 120D
BKM-41HD/BKM42HD	BKM 142HD	BKM 142HD	BKM 142HD
No	BKM 150CP	BKM 150CP	BKM 150CP
No	BKM 155DV	BKM 155DV	BKM 155DV
No	No	No	No
No	No	No	No
No	No	No	No
9 Pin RS 485	8 Pin Parallel, 9 Pin RS 485	9 Pin RS 485	9 Pin RS 485
BKM 30 E20	SLR 104	BKM 31 E14	BKM 30 E14
AC 100 to 120V/220 to 240V 50/60hz	AC 100 to 120V/220 to 240V 50/60hz	AC 100 to 120V/220 to 240V 50/60hz	AC 100 to 120V/220 to 240V 50/60hz
180W	180W	115W	115W
17.5W X 16.4H X 22.5D	17.5W X 16.4H X 22.5D	13.6W X 10.4H X 20.9D	19W X 10.4H X 20.9D
81.5 lbs	68.3 lbs	46.3 lbs	50.7 lbs

Viewable area measured diagonally

13"

8"

8"

MULTIFORMAT
MONITORS

DTV (D) / E Cinema (F)
Viewing (L)



MODELS	PVM-14L5/1	BVM-D9H1U	BVM-D9H5U
Application	Viewing	Viewing	Viewing
CRT Size	14 Inch 4 X 3	9 Inch 4 X 3	9 Inch 4 X 3
Video System	1080/24psf – 1080i – 1035i – 720p – 480p – 480i	1080/24psf – 1080i – 720p – 480p – 480i	1080/24psf – 1080i – 720p – 480p – 480i
Resolution (4:3/16:9)	800/600 TV Lines	450/340 TV Lines	450/340 TV Lines
Phosphor	SMPTE C	P22	P22
Color Temperature	D65, User	D65, User w/Automatics	D65, User w/Automatics
Composite Video Input	Included	BKM 127W	BKM 127W
Y/C Input/Output	Included	1	1
Analog RGB Input/Output	Included	1 included, 3 w/BKM 129X	1 included, 3 w/BKM 129X
Y Pb Pr Input/Output	Included	1 included, 3 w/BKM 129X	1 included, 3 w/BKM 129X
Computer Input	No	No	No
External Sync Input/Output	Yes	Yes	Yes
Audio Input/Output	3	No	3
Underscan	Yes	Yes	Yes
Blue Only	Yes	Yes	Yes
H/V Delay	Yes	Yes	Yes
4:3 Capacity	Yes	Yes	Yes
Manual Degauss	Yes	Yes	Yes
Dual Link HD 4:4:4	No	No	No
SDI Interface	BKM 120D	BKM 120D	BKM 120D
HDSDI Interface	BKM 142HD	BKM 142HD	BKM 142HD
SDI w/Audio Decoding	BKM 150CP	BKM 150CP	BKM 150CP
i.LINK®	BKM 155DV	BKM 155DV	BKM 155DV
Beam Landing Correction	No	No	No
Digital Uniformity	No	No	No
Digital Convergence	No	No	No
Remote Control Terminal	8 Pin Parallel, 9 Pin RS 485	9 Pin RS 485/422	9 Pin RS 485
Rack Mount	MB 521	MB 520	MB 520
Power Requirements	AC 100 to 120V/220 to 240V 50/60hz	AC 100 to 120V/220 to 240V 50/60hz	AC 100 to 120V/220 to 240V 50/60hz
Power Consumption	180W	85W	85W
Dimensions (inches)	13.6W X 10.4H X 20.9D	8.5W X 6.9H X 13.9D, 16.4 w/Battery	8.5W X 8.5H X 13.9D, 16.4 w/Battery
Weight	39 lbs	19.6 lbs	22.3 lbs

19"

19"

19"

BROADCAST AND PRODUCTION

Evaluation (E) / Production (F)
Broadcast (G) / Viewing (L, M)



MODELS	BVM-20F1U	BVM-20G1U	PVM-20L5/1
Application	Production	Broadcast	Viewing
CRT Size	20 inch 4 X 3	20 inch 4 X 3	20 inch 4 X 3
Video System	By Optional Decoder	By Optional Decoder	1080/24psf – 1080i/1035i /720p/ 480p/480i
Resolution	900 TV Lines	800 TV Lines	800 TV Lines
Phosphor	SMPTE C	SMPTE C	SMPTE C
Color Temperature	D65, User w/Automatics	D65, User w/Automatics	6500K/9300L/User (3200K-10,000K)
Composite Video Input/Output	BKM-24N/BKM-27T	BKM-24N/BKM-27T	2 with loop thru
Y/C Input/Output	BKM-24N/BKM-27T	BKM-24N/BKM-27T	1 with loop thru
Analog RGB Input/Output	1 included, 9 w/options	1 included, 3 w/options	1 with loop thru (switchable between RGB & component)
Component Input/Output	1 included, 9 w/options	1 included, 3 w/options	1 with loop thru (switchable between RGB & component)
Computer Inputs	No	No	No
External Sync Input/Output	Yes	Yes	Yes
Audio Input/Output	No	No	3
Underscan	Yes	Yes	Yes
Blue Only	Yes	Yes	Yes
H/V Delay	Yes	Yes	Yes
16:9 Capability	Yes	Yes	Yes
Manual Degauss	Yes	Yes	Yes
SDI Interface	BKM-20D/BKM-21D	BKM-20D/BKM-21D	BKM 120D
SDI w/Audio Decoding	No	No	BKM 150CP
i.LINK®	No	No	BKM 155DV
SDI w/Audio Decoding	No	No	BKM 142HD
Remote Control Terminal	9 Pin RS 485	9 Pin RS 485	8 Pin Parallel, 9 Pin RS 485
Rack Mount	BKM-30E20	BKM-30E20	SLR-104
Power Requirements	AC 100 to 120V/220 to 240V 50/60Hz	AC 100 to 120V/220 to 240V 50/60Hz	AC 100 to 120V/220 to 240V 50/60Hz
Power Consumption	165W	150W	180W
Dimensions (inches)	17.5W X 16.3H X 22.5D	17.5W X 16.3H X 22.5D	17.5W X 16.4H X 22.5D
Weight	83.7 lbs	81.5 lbs	68.3 lbs

Viewable area measured diagonally

13"

13"

13"

BROADCAST AND PRODUCTION (cont.)

Evaluation (E) / Production (F)
Broadcast (G) / Viewing (L, M)



MODELS	BVM-14F1U	BVM-14G1U	BVM-14F5U
Application	Production	Broadcast	Production
CRT Size	14 inch 4 X 3	14 inch 4 X 3	14 inch 4 X 3
Video System	By Optional Decoder	By Optional Decoder	By Optional Decoder
Resolution	800 TV Lines	800 TV Lines	800 TV Lines
Phosphor	SMPTE C	SMPTE C	SMPTE C
Color Temperature	D65, User w/Automatics	D65, User w/Automatics	D65, User w/Automatics
Composite Video Input/Output	BKM-24N/BKM-27T	BKM-24N/BKM-27T	BKM-24N/BKM-27T
Y/C Input/Output	BKM-24N/BKM-27T	BKM-24N/BKM-27T	BKM-24N/BKM-27T
Analog RGB Input/Output	1 included, 7 w/options	1 included, 3 w/options	1 included, 9 w/options
Component Input/Output	1 included, 7 w/options	1 included, 3 w/options	1 included, 9 w/options
Computer Inputs	No	No	No
External Sync Input/Output	Yes	Yes	Yes
Audio Input/Output	No	No	No
Underscan	Yes	Yes	Yes
Blue Only	Yes	Yes	Yes
H/V Delay	Yes	Yes	Yes
16:9 Capability	Yes	Yes	Yes
Manual Degauss	Yes	Yes	Yes
SDI Interface	BKM-20D/BKM-21D	BKM-20D/BKM-21D	BKM-20D/BKM-21D
SDI w/Audio Decoding	No	No	No
i.LINK®	No	No	No
HDSDI Interface	No	No	No
Remote Control Terminal	9 Pin RS 485	9 Pin RS 485	9 Pin RS 485
Rack Mount	BKM-31E14	BKM-31E14	BKM-30E14
Power Requirements	AC 100 to 120V/220 to 240V 50/60Hz	AC 100 to 120V/220 to 240V 50/60Hz	AC 100 to 120V/220 to 240V 50/60Hz
Power Consumption	130W	130W	130W
Dimensions (inches)	13.6W X 11H X 20.8D	13.6W X 11H X 20.8D	19W X 11H X 20.8D
Weight	50.7 lbs	48.5 lbs	57.3 lbs

13"



13"



8"

**BVM-14G5U****PVM-14L5/1****BVM-8045QD**

Broadcast	Viewing	Production
14 inch 4 X 3	14 inch 4 X 3	9 inch 4 X 3
By Optional Decoder	1080/24psf – 1080i/1035i /720p/ 480p/480i	PAL, NTSC, SECAM, NTSC4.43
800 TV Lines	800 TV Lines	450 TV Lines
SMPTE C	SMPTE C	P22
D65, User w/Automatics	6500K/9300L/User (3200K-10,000K)	6500K
BKM-24N/BKM-27T	2 with loop thru	2
BKM-24N/BKM-27T	1 with loop thru	1
1 included, 3 w/options	1 with loop thru (switchable between RGB & component)	1 (input only)
1 included, 3 w/options	1 with loop thru (switchable between RGB & component)	1 (input only)
No	No	No
Yes	Yes	Yes
No	3	3
Yes	Yes	Yes
Yes	Yes	Yes
Yes	Yes	Yes
Yes	Yes	Yes
Yes	Yes	Yes
BKM-20D/BKM-21D	BKM 120D	Yes
No	BKM 150CP	No
No	BKM 155DV	No
No	BKM 142HD	No
9 Pin RS 485	8 Pin Parallel, 9 Pin RS 485	8 Pin Parallel
BKM-30E14	MB 521	MB 520
AC 100 to 120V/220 to 240V 50/60Hz	AC 100 to 120V/220 to 240V 50/60Hz	AC 100 to 240V, 50/60Hz, DC 12V
130W	130W	AC: 43W, DC: 40W
19W X 11H X 20.8D	13.6W X 11H X 20.8D	8.6W X 8.6H X 14D
52.9 lbs	39 lbs	18.7 lbs

Viewable area measured diagonally

8"

8"

5"

BROADCAST AND PRODUCTION (cont.)

Evaluation (E) / Production (F)
Broadcast (G) / Viewing (L, M)



MODELS	PVM-8045Q	PVM-8042Q	PVM-5041Q
Application	Viewing, Portable	Viewing, Portable	Viewing, Portable
CRT Size	9 inch 4 X 3	9 inch 4 X 3	6 inch 4 X 3
Video System	PAL, NTSC, SECAM, NTSC 4.43	PAL, NTSC, SECAM, NTSC 4.43	PAL, NTSC, SECAM, NTSC 4.43
Resolution	450 TV Lines	250 TV Lines	250 TV Lines
Phosphor	P22	P22	P22
Color Temperature	6500K	6500 K	6500K
Composite Video Input/Output	2	2	1
Y/C Input/Output	1	1	No
Analog RGB Input/Output	1 (input only)	1 (input only)	1 (input only)
Component Input/Output	1 (input only)	1 (input only)	1 (input only)
Computer Inputs	No	No	No
External Sync Input/Output	Yes	Yes	Yes (for component (Y/R-Y/B-Y)RGB signals only)
Audio Input/Output	3	3	2
Underscan	Yes	Yes	Yes
Blue Only	Yes	Yes	Yes
H/V Delay	Yes	Yes	Yes
16:9 Capability	Yes	Yes	Yes
Manual Degauss	Yes	Yes	No
SDI Interface	No	No	No
SDI w/Audio Decoding	No	No	No
i.LINK®	No	No	No
HDSDI Interface	No	No	No
Remote Control Terminal	8 Pin Parallel	8 Pin Parallel	8 Pin Parallel
Rack Mount	MB 520	MB 520	MB 520
Power Requirements	AC 100 to 240V, 50/60Hz	AC 100 to 240V, 50/60Hz	AC 100 to 240V, 50/60Hz
Power Consumption	AC: 43W, DC 40W	AC: 43W, DC 40W	AC/DC: 40W
Dimensions (inches)	8.6W X 8.6H X 14D	8.6W X 8.6H X 14D	5.7W X 6.8H X 14D
Weight	18 lbs	18 lbs	12.1 lbs

13"



9"



4"



PVM-136

PVM-96

PVM-4B1U

Viewing	Viewing	Viewing
13 inch 4 X 3	9 inch 4 X 3	4 inch 4 X 3
B&W 525/625	B&W 525/625	B&W 525/625
1000 TV Lines	900 TV Lines	500 TV Lines
P22	P22	P22
6500K	6500K	9300K
2	2	1 x 4 Monitors
No	No	No
No	No	No
No	No	No
No	No	No
Yes	Yes	Yes
2	2	No
Yes	Yes	No
No	No	No
Yes	Yes	No
Yes	Yes	No
No	No	No
No	No	No
No	No	No
No	No	No
No	No	No
8 Pin Parallel	8 Pin Parallel	No
MB502B	MB 520	Included
AC 100 to 240V, 50/60Hz	AC 100 to 240V, 50/60Hz	AC 100 to 240V, 50/60Hz
30W	28W	59W
13.6W X 13.5H X 13D	8.6W X 8.6H X 9.8D	19.1W X 5.2H X 14.1D
24.3 lbs	12.1 lbs	25.8 lbs

Viewable area measured diagonally

19"

19"

13"



PROFESSIONAL

Viewing (M, L)

MODELS

PVM-20L5/1

PVM-20M2U

PVM-14L5/1

Application	Viewing	Viewing	Viewing
CRT Size	20 inch 4 X 3	20 inch 4 X 3	14 inch 4 X 3
Video System	1080/24psf – 1080i/1035i /720p/ 480p/480i	PAL, NTSC, SECAM, NTSC 4.43	1080/24psf – 1080i/1035i /720p/ 480p/480i
Resolution	800 TV Lines	600 TV Lines	800 TV Lines
Phosphor	SMPTE C	P22	SMPTE C
Color Temperature	6500K/9300L/User (3200K-10,000K)	6500K/9300L/User (3200K-10,000K)	6500K/9300L/User (3200K-10,000K)
Composite Video Input	2 with loop thru	2 with loop thru	2 with loop thru
Y/C Input/Output	1 with loop thru	1 with loop thru	1 with loop thru
Analog RGB Input/Output	1 with loop thru (switchable between RGB & component)	1 with loop thru (switchable between RGB & component)	1 with loop thru (switchable between RGB & component)
Component Input/Output	1 with loop thru (switchable between RGB & component)	1 with loop thru (switchable between RGB & component)	1 with loop thru (switchable between RGB & component)
Computer Inputs	No	No	No
External Sync Input/Output	Yes	Yes	Yes
Audio Input/Output	3	4	3
Underscan	Yes	Yes	Yes
Blue Only	Yes	Yes	Yes
H/V Delay	Yes	Yes	Yes
16:9 Capacity	Yes	Yes	Yes
Manual Degauss	Yes	Yes	Yes
SDI Interface	BKM 120D	BKM101C	BKM 120D
SDI w/Audio Decoding	BKM 150CP	BKM101C/BKM102	BKM 150CP
i.LINK®	BKM 155DV	No	BKM 155DV
HDSDI Interface	BKM 142HD	No	BKM 142HD
Remote Control Terminal	8 Pin Parallel, 9 Pin RS 485	20 Pin, 9 Pin RS 485 w/BKM 103	8 Pin Parallel, 9 Pin RS 485
Rack Mount	SLR-104	SLR-103A slide rail kit	MB 521
Power Requirements	AC 100 to 120V/220 to 240V 50/60Hz	AC 100 to 240V, 50/60Hz	AC 100 to 120V/220 to 240V 50/60Hz
Power Consumption	180W	120W (with SDI 130W)	130W
Dimensions (inches)	17.5W X 16.4H X 22.5D	17.7W X 18H X 19.8D	13.6W X 11H X 20.8D
Weight	68.3 lbs	68.3 lbs	39 lbs

13"



8"



8"



8"

**PVM-14M2U****PVM-8045Q****PVM-8042Q****PVM-8040**

Viewing	Viewing, Portable	Viewing, Portable	Viewing
14 inch 4 X 3	9 inch 4 X 3	9 inch 4 X 3	9 inch 4 X 3
PAL, NTSC, SECAM, NTSC 4.43	PAL, NTSC, SECAM, NTSC 4.43	PAL, NTSC, SECAM, NTSC 4.43	NTSC
600 TV Lines	450 TV Lines	250 TV Lines	250 TV Lines
P22	P22	P22	P22
6500K/9300L/User (3200K-10,000K)	6500K	6500 K	6500 K
2 with loop thru	2	2	1
1 with loop thru	1	1	1
1 with loop thru (switchable between RGB & component)	1 (input only)	1 (input only)	No
1 with loop thru (switchable between RGB & component)	1 (input only)	1 (input only)	No
No	No	No	No
Yes	Yes	Yes	No
4	3	3	1
Yes	Yes	Yes	No
Yes	Yes	Yes	No
Yes	Yes	Yes	No
Yes	Yes	Yes	No
Yes	Yes	Yes	No
BKM101C	No	No	No
BKM101C/BKM102	No	No	No
No	No	No	No
No	No	No	No
20 Pin, 9 Pin RS 485 w/BKM 103	8 Pin Parallel	8 Pin Parallel	No
MB502B	MB 520	MB 520	MB 520
AC 100 to 240V, 50/60Hz	AC 100 to 240V, 50/60Hz	AC 100 to 240V, 50/60Hz	AC 100 to 240V, 50/60Hz
90W (with SDI 99W)	AC: 43W, DC 40W	AC: 43W, DC 40W	AC: 39W
13.6W X 14H X 17D	8.6W X 8.6H X 14D	8.6W X 8.6H X 14D	8.6W X 8.6H X 14D
39 lbs	18 lbs	18 lbs	18 lbs

Viewable area measured diagonally

5"

13"

13"

PROFESSIONAL

(cont.)

Viewing (M, L)



MODELS	PVM-5041Q	PVM-136	PVM-137
Application	Viewing, Portable	Viewing	Viewing
CRT Size	6 inch 4 X 3	13 inch 4 X 3	13 inch 4 X 3
Video System	PAL, NTSC, SECAM, NTSC 4.43	B&W 525/625	B&W 525/625
Resolution	250 TV Lines	1000 TV Lines	1000 TV Lines
Phosphor	P22	P22	P22
Color Temperature	6500K	6500K	9300K
Composite Video Input	1	2	2
Y/C Input/Output	No	No	No
Analog RGB Input/Output	1 (input only)	No	No
Component Input/Output	1 (input only)	No	No
Computer Inputs	No	No	No
External Sync Input/Output	Yes (for component (Y/R-Y/B-Y)RGB signals only)	Yes	Yes
Audio Input/Output	2	2	2
Underscan	Yes	Yes	No
Blue Only	Yes	No	No
H/V Delay	Yes	Yes	No
16:9 Capacity	Yes	Yes	No
Manual Degauss	No	No	No
SDI Interface	No	No	No
SDI w/Audio Decoding	No	No	No
i.LINK®	No	No	No
HDSDI Interface	No	No	No
Remote Control Terminal	8 Pin Parallel	8 Pin Parallel	8 Pin Parallel
Rack Mount	MB 520	MB502B	MB502B
Power Requirements	AC 100 to 240V, 50/60Hz	AC 100 to 240V, 50/60Hz	AC 100 to 240V, 50/60Hz
Power Consumption	AC/DC: 40W	30W (max)	30W (max)
Dimensions (inches)	5.7W X 6.8H X 14D	13.6W X 13.5H X 13D	13.6W X 13.5H X 13D
Weight	12.1 lbs	24.3 lbs	24.3 lbs

9"



9"



4"



PVM-96

PVM-97

PVM-4B1U

Viewing	Viewing	Viewing
9 inch 4 X 3	9 inch 4 X 3	4 inch 4 X 3
B&W 525/625	B&W 525/625	B&W 525/625
900 TV Lines	900 TV Lines	500 TV Lines
P22	P22	P22
6500K	9300K	9300K
2	2	1 x 4 Monitors
No	No	No
No	No	No
No	No	No
No	No	No
Yes	Yes	Yes
2	2	No
Yes	No	No
No	No	No
Yes	No	No
Yes	No	No
No	No	No
No	No	No
No	No	No
No	No	No
No	No	No
8 Pin Parallel	8 Pin Parallel	No
MB 520	MB 520	Included
AC 100 to 240V, 50/60Hz	AC 100 to 240V, 50/60Hz	AC 100 to 240V, 50/60Hz
28W	28W (max)	59W
8.6W X 8.6H X 9.8D	8.6W X 8.6H X 9.8D	19.1W X 5.2H X 14.1D
12.1 lbs	12.1 lbs	25.8 lbs

Viewable area measured diagonally

19"

19"

19"

INFO/PRESENTATION

General Applications (PVM)



MODELS	PVM-20M2U	PVM-20N6U	PVM-20N5U
Application	Viewing	General	General
CRT Size	20 inch 4 X 3	20 inch 4 X 3	20 inch 4 X 3
Video System	PAL, NTSC, SECAM, NTSC 4.43	PAL, NTSC, SECAM, NTSC 4.43	PAL, NTSC, SECAM, NTSC 4.43
Acceptable Computer System	—	—	—
Resolution	600 TV Lines	500 TV Lines	500 TV Lines
Phosphor	P22	P22	P22
Color Temperature	650K/9300L/User (3200K-10,000K)	6500K	6500K
Composite Video Input/Output	2 with loop thru	2	2
Y/C Input/Output	1 with loop thru	2	2
Analog RGB Input/Output	1 with loop thru (switchable between RGB & component)	1 (input only)	No
Component Input/Output	1 with loop thru (switchable between RGB & component)	No	No
Computer Inputs	No	No	No
External Sync Input/Output	Yes	Yes (for RGB signal only)	No
Audio Input/Output	4	3	2
Underscan	Yes	No	No
Blue Only	Yes	No	No
H/V Delay	Yes	No	No
16:9 Capacity	Yes	Yes	No
SDI Interface	BKM101C	No	No
SDI w/Audio Decoding	BKM101C/BKM102	No	No
i.LINK®	No	No	No
Remote Control Terminal	20 Pin, 9 Pin RS 485 w/BKM 103	Mini jack (Control S)	No
Rack Mount	SLR-103A slide rail kit	SLR-103A slide rail kit	SLR-103A slide rail kit
Power Requirements	AC 100 to 240V, 50/60Hz	AC 100 to 240V, 50/60Hz	AC 220 to 240V, 50Hz
Power Consumption	120W (with SDI 130W)	105W	65W
Dimensions (inches)	17.7W X 18H X 19.8D	17.6W X 17.3H X 17.8D	17.6W X 17.3H X 17.8D
Weight	68.3 lbs	61.7 lbs	61.7 lbs

13"



13"



13"



PVM-14M2U

PVM-14N6U

PVM-14N5U

Viewing	General	General
14 inch 4 X 3	14 inch 4 X 3	14 inch 4 X 3
PAL, NTSC, SECAM, NTSC 4.43	PAL, NTSC, SECAM, NTSC 4.43	PAL, NTSC, SECAM, NTSC 4.43
—	—	—
600 TV Lines	500 TV Lines	500 TV Lines
P22	P22	P22
650K/9300L/User (3200K-10,000K)	6500K	6500K
2 with loop thru	2	2
1 with loop thru	2	2
1 with loop thru (switchable between RGB & component)	1 (input only)	No
1 with loop thru (switchable between RGB & component)	No	No
No	No	No
Yes	Yes (for RGB signal only)	No
4	3	2
Yes	No	No
Yes	No	No
Yes	No	No
Yes	Yes	No
BKM101C	No	No
BKM101C/BKM102	No	No
No	No	No
20 Pin, 9 Pin RS 485 w/BKM 103	Mini jack (Control S)	No
MB502B	MB502B	MB502B
AC 100 to 240V, 50/60Hz	AC 100 to 240V, 50/60Hz	AC 100 to 240V, 50/60Hz
90W (with SDI 99W)	80W	80W
13.6W X 14H X 17D	13.6W X 13.4H X 16.3D	13.6W X 13.4H X 16.3D
39 lbs	33 lbs	33 lbs

Viewable area measured diagonally

32"

42"

42"



FLAT MONITORS

Presentation (PFM) /

Production (LMD)

MODELS	PFM-32C1	PFM-42B2/H	PFM-42B2/S
Size / Display Technology	32 Inch / PDP Plasma	42 Inch / PDP Plasma	42 Inch / PDP Plasma
Application	Presentation	Presentation	Presentation
Video System	NTSC/PAL/1035i / 1080i / 720p / 480p	NTSC/PAL/1035i / 1080i / 720p / 480p	NTSC/PAL/1035i / 1080i / 720p / 480p
Acceptable Computer System	VGA / SVGA / XGA / SXGA / UXGA	VGA / SVGA / XGA / SXGA / UXGA	VGA / SVGA / XGA / SXGA / UXGA
Aspect Ratio	16:9	16:9	16:9
Resolution	852 X 1024	1024 X 1024	1024 X 1024
Brightness	650 Nits	650 Nits	650 Nits
Contrast Ratio	500:1	500:1	500:1
Color Temperature	Adjustable	Adjustable	Adjustable
Composite Video Input/Output	1	1	1
Y/C Input/Output	1	1	1
Analog RGB Input/Output	Two 15 Pin Dsub	Two 15 Pin Dsub	Two 15 Pin Dsub
Component Input/Output	Two 15 Pin Dsub	Two 15 Pin Dsub	Two 15 Pin Dsub
Computer Inputs	2 (up to 100kHz)	2 (up to 100kHz)	2 (up to 100kHz)
External Sync Input/Output	HD/VD	HD/VD	HD/VD
Audio Input/Output	3 / Speaker	3 / Line level	3 / Line level
Audio Amplifier	7W x 7W	None	None
Audio Line	500mv rms mini jack	500mv rms mini jack	500mv rms mini jack
Screen Saver	Yes, Both Orbit & Inversion	Yes, Both Orbit & Inversion	Yes, Both Orbit & Inversion
Wide Zoom	Yes	Yes	Yes
Built in Clock	Yes	Yes	Yes
Closed Caption	Yes	Yes	Yes
SDI Interface	No	No	No
HD SDI Interface	No	No	No
SDI w/Audio Decoding	No	No	No
i.LINK®	No	No	No
Remote Control Terminal	RS 232 and S Control	RS 232	RS 232
Wall Mount	WallBracket	WallBracket	WallBracket
Rack Mount	No	No	No
Power Requirements	Ac 100 to 240V, 50/60Hz, 3.2 to 1.6A	Ac 100 to 240V, 50/60Hz, 4.5 to 1.8A	Ac 100 to 240V, 50/60Hz, 4.5 to 1.8A
12 Volt Input	No	No	No
Power Consumption	270W	360W	360W
Dimensions (inches)	33W X 20½H X 3½D	40½W X 24½H X 3½D	40½W X 24½H X 3½D
Weight	48.8 lbs	62.9 lbs	62.9 lbs

50"



6.5"



PFM-50C1

LMD-650

50 Inch / PDP Plasma	6.5 inch / TFT LCD
Presentation	Viewing
NTSC/PAL/1035i / 1080i / 720p / 480p	NTSC/PAL/B&W
VGA / SVGA / XGA / SXGA	—
16:9	4:3
1365 X 768	640 x 480
650 Nits	300 Nits
500:1	250:1
Adjustable	—
1	1
1	1
Two 15 Pin Dsub	No
Two 15 Pin Dsub	No
2 (up to 100kHz)	No
HD/VD	No
3 / Speaker	Mini Jack
7W x 7W	3W
500mv rms mini jack	500mv rms mini jack
Yes, Both Orbit & Inversion	No
Yes	No
Yes	No
Yes	No
No	No
No	No
No	No
No	No
RS 232 and S Control	Parallel
WallBracket	1/4" Tripod Screw Hole
No	MB 506
Ac 100 to 240V, 50/60Hz, 5.4 to 2.2A	12V DC (with supplied AC adaptor)
No	Yes
490 W	9 W
49W X 29% ^H X 3% ^D	8% ^W x 5% ^H x 2% ^D
103 lbs	2.2 lbs

MONITOR OPTION LIST

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NOTES

For additional product information
call 1-800-686-SONY (7669).

SONY®

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