

**Monitor Line-up
Comparison Guide
2003**



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Product Features

BVM-D24E1WU / BVM-D32E1WU

Application: DTV

- 1000 TV Lines 16:9 CRT using SMPTE-C Phosphors
- Multiple Format SD and HD Display including 1080i, 1080/24Psf and 720P
- Matrix Values for ITU 601, ITU 709, and SMPTE 240M Colorimetry Standards
- Auto Setup adjusts Presets, White Balance, Uniformity, and Landing
- Automatics Accept Measurements from most Industry Standard Light Probes
- 4 Option Slots for both Analog and Digital Decoders
- RS 485 Serial Control for Multiple Monitor Control

BVM-D20F1U

Application: DTV

- 900/700 TV Lines in 4:3/16:9 modes, SMPTE-C Phosphors
- Multiple Format SD and HD Display including 1080i, 1080/24Psf and 720P
- Matrix Values for ITU 601, ITU 709, and SMPTE 240M Colorimetry Standards
- Auto Setup adjusts Presets and White Balance
- Automatics Accept Measurements from most Industry Standard Light Probes
- 4 Option Slots for both Analog and Digital Decoders
- RS 485 Serial Control for Multiple Monitor Control

BVM-D14H1U / BVM-D14H5U

Application: DTV

- 800/600 TV Lines in 4:3/16:9 modes, SMPTE-C Phosphors
- Multiple Format SD and HD Display including 1080i, 1080/24Psf and 720P
- Matrix Values for ITU 601, ITU 709, and SMPTE 240M Colorimetry Standards
- Auto Setup adjusts Presets and White Balance
- Automatics Accept Measurements from most Industry Standard Light Probes
- 3 Option Slots for both Analog and Digital Decoders
- RS 485 Serial Control for Multiple Monitor Control

BVM-D9H1U / BVM-D9H5U

Application: DTV

- 450/340 TV Lines in 4:3/16:9 modes
- Multiple Format SD and HD Display including 1080i, 1080/24Psf and 720P
- Matrix Values for ITU 601, ITU 709, and SMPTE 240M Colorimetry Standards
- Auto Setup adjusts Presets and White Balance
- Automatics Accept Measurements from most Industry Standard Light Probes
- 3 Option Slots for both Analog and Digital Decoders
- RS 485 Serial Control for Multiple Monitor Control
- Optional Lithium-ion Battery Packs available
- Audio Capability and Built-in Speaker in Monitor Bottom (9H5U only)
- Rack Mountable into a 19" EIA Standard Rack

(viewable area measured diagonally)

E Cinema/1080 Production

BVM-F24U



Application: E Cinema/1080 Production

- True 24 Frame Progressive Scan
- Displays both Segmented Frame and Progressive Formats
- 1000 TV Lines in 4:3/16:9 modes, SMPTE-C Phosphors
- Dual Link 4:4:4 HD SDI Input
- Graticule Generator Outputs most Cinema Aspect Ratio Formats
- Auto Setup for Presets, Matrix, White Balance, Uniformity, and Landing
- Includes Digital Convergence Adjustment Control

(viewable area measured diagonally)

PlasmaPro™ Flat-Panel Monitors

PFM-32C1



Application: Presentation

- 32 inch (viewable area measured diagonally) 16:9 Screen with Resolution of 852 x 1024 pixels
- SuperSlim™ Flat-Panel Design, less than 4" thick
- Displays most Standard Definition and High Definition Formats
- Displays Computer Formats as high as UXGA
- 140MHz Input Sampling
- New Bi-Pixel I/P Conversion Circuitry
- CineMotion® Function: 3:2 Pulldown
- Built-in Audio Amplifier and High Quality Digital Stereo Amplifier

PFM-42B2



Application: Presentation

- 42 inch (viewable area measured diagonally) 16:9 Screen with Resolution of 1024 x 1024 pixels
- SuperSlim Flat-Panel Design, less than 4" thick
- Displays most Standard Definition and High Definition Formats
- Displays Computer Formats as high as UXGA
- 140MHz Input Sampling
- New Bi-Pixel I/P Conversion Circuitry
- CineMotion Function: 3:2 Pulldown
- Choice of Silver or Charcoal Gray

PFM-50C1



Application: Presentation

- 50 inch 16:9 Screen with Resolution of 1365 x 768 pixels
- SuperSlim Flat-Panel Design, less than 4" thick
- Displays most Standard Definition and High Definition Formats
- Displays Computer Formats as high as UXGA
- 140MHz Input Sampling
- New Bi-Pixel I/P Conversion Circuitry
- CineMotion Function: 3:2 Pulldown
- Built-In Audio Amplifier and High Quality Digital Stereo Amplifier

PLASMA
MONITORS ||| PRO

(viewable area measured diagonally)

Broadcast and Production

PVM-14L5/1 / PVM-20L5/1



- Application: Broadcast and Production/Professional
- 1080, 720P, 480P and NTSC Multiformat Display
 - SMPTE-C Phosphor CRTs for Accurate Color Matching
 - New Compact Chassis Design enabling less space consumption
 - Optional Input Decoders to support Multi-signal Formats
 - Selectable Aspect Ratio
 - NTSC Composite/PAL Signals accepted automatically

PVM-8045Q



- Application: Broadcast and Production/Professional
- 8 inch (viewable area measured diagonally) High Resolution CRT
 - Displays NTSC, PAL, SECAM, and NTSC 4.43
 - Two Composite Inputs and One Component (Y/R-Y/B-Y or RGB) Input
 - Beam Current Feedback Circuit for Stable Color Reproduction
 - Switchable Aspect Ratio 4:3/16:9 based on Input Signal
 - Can be powered by battery, external 12V DC or 120V AC
 - Monitors can be mounted side by side in optional 19" EIA Standard Rack

PVM-5041Q



- Application: Broadcast and Production/Professional
- 5 inch (viewable area measured diagonally) High Resolution CRT
 - Displays NTSC, PAL, SECAM, and NTSC 4.43
 - One Composite Input and One Component (Y/R-Y/B-Y or RGB) Input
 - Beam Current Feedback Circuit for Stable Color Reproduction
 - Switchable Aspect Ratio 4:3/16:9 based on Input Signal
 - Can be powered by battery, external 12V DC or 120V AC
 - Monitors can be mounted side by side in optional 19" EIA Standard Rack

PVM-136 / PVM-96



- Application: Broadcast and Production/Professional
- Utilizes D65 Phosphor
 - 1000 TV Lines (PVM-136) / 900 TV Lines (PVM-96)
 - Underscan Function to Display Entire Active Picture
 - H/V Delay to Display Horizontal/Vertical Intervals on Screen Center
 - Switchable Aspect Ratio 4:3/16:9 to comply with Wide Screen Formats
 - Built-in Speaker for Audio Monitoring
 - External Sync for synchronization with other system equipment

(viewable area measured diagonally)

**BVM-20G1U / BVM-14G1U
BVM-14G5U**



Application: Broadcast and Production

- 800 TV Lines
- HR Trinitron® CRT with SMPTE-C Phosphors
- Built-in Auto Alignment System for Easy Monitor Set-Up
- Optional Decoder Adapters / One Option Slot in Rear Panel
- Y/R-Y/B-Y or RGB Analog Component Inputs
- Beam Current Feedback Circuitry for Color Balance Stability
- Switchable Aspect Ratio: 4:3/16:9
- Rack Mountable into a 19" EIA Standard Rack

BVM-8045QD



Application: Broadcast and Production

- 450 TV Lines
- Component Serial Digital Interface
- Selectable Aspect Ratio: 4:3/16:9
- Analog Component (Y/R-Y/B-Y or RGB) Y/C and Composite Video Inputs
- Beam Current Feedback Circuit for Color Stability
- AC/DC Operation
- Rack Mountable into a 19" EIA Standard Rack

**BVM-20F1U / BVM-14F1U
BVM-14F5U**



Application: Broadcast and Production

- 900 TV Lines (20") / 800 TV Lines (14")
- HR Trinitron CRT with SMPTE-C Phosphors
- Built-in Auto Alignment System for Easy Monitor Set-Up
- Optional Decoder Adapters / Four Option Slots in Rear Panel
- Beam Current Feedback Circuit for Color Stability
- Y/R-Y/B-Y/RGB Inputs Included
- Rack Mountable into a 19" EIA Standard Rack

Professional

PVM-8040



Application: Professional

- 9 inch (viewable area measured diagonally) High Resolution CRT with 250 TV Lines
- 8 inch (viewable area measured diagonally)
- 4:3 Aspect Ratio
- Comb Filter for NTSC
- Composite Video and Y/C Inputs
- High Durability
- EIA Standard Rack Mountable

PVM-137 / PVM-97



Application: Professional

- 1000 TV Lines (PVM-137) / 900 TV Lines (PVM-97)
- Highly Reliable Black/White Monitor
- Underscan Function to Display Entire Active Picture
- Built-in Speaker for Audio Monitoring
- External Sync for synchronization with other equipment
- Metal Cabinet to Minimize Signal Interference

PVM-9L2



Application: Professional/General Viewing

- New Slot Structure allows easy installation of Input Decoders
- New on Screen Menu System
- Optional Adapters for SDI, SDTI, and IEEE 1394 Inputs
- SDI and SDTI Embedded Audio can be decoded with Optional Adapter
- Automatic Detection of Composite Signal (NTSC or PAL)
- Beam Current Feedback Circuit inhibits White Balance Drift
- Can be powered by battery, external 12V DC or 120V AC
- Monitors can be mounted side by side in Optional 19" EIA Standard Rack

PVM-14L2 / PVM-20L2



Application: Professional/General Viewing

- New Slot Structure allows easy installation of Input Decoders
- 600 TV Lines provides crisp, clear images
- Optional Adapters for SDI, SDTI, and IEEE 1394 Inputs
- SDI and SDTI Embedded Audio can be decoded with Optional Adapters
- Automatic Detection of Composite Signal (NTSC or PAL)
- Auto/Chroma Phase Setup
- Beam Current Feedback Circuit inhibits White Balance Drift

(viewable area measured diagonally)

PVM-14L5/1 / PVM-20L5/1

- Application: Broadcast and Production/Professional
- 1080, 720P, 480P and NTSC Multiformat Display
 - SMPTE-C Phosphor CRTs for Accurate Color Matching
 - New Compact Chassis Design enabling less space consumption
 - Optional Input Decoders to support Multi-signal Formats
 - Selectable Aspect Ratio
 - NTSC Composite/PAL Signals accepted automatically

PVM-8045Q

- Application: Broadcast and Production/Professional
- 8 inch (viewable area measured diagonally) High Resolution CRT
 - Displays NTSC, PAL, SECAM, and NTSC 4.43
 - Two Composite Inputs and One Component (Y/R-Y/B-Y or RGB) Input
 - Beam Current Feedback Circuit for Stable Color Reproduction
 - Switchable Aspect Ratio 4:3/16:9 based on Input Signal
 - Can be powered by battery, external 12V DC or 120V AC
 - Monitors can be mounted side by side in optional 19" EIA Standard Rack

PVM-5041Q

- Application: Broadcast and Production/Professional
- 5 inch (viewable area measured diagonally) High Resolution CRT
 - Displays NTSC, PAL, SECAM, and NTSC 4.43
 - One Composite Input and One Component (Y/R-Y/B-Y or RGB) Input
 - Beam Current Feedback Circuit for Stable Color Reproduction
 - Switchable Aspect Ratio 4:3/16:9 based on Input Signal
 - Can be powered by battery, external 12V DC or 120V AC
 - Monitors can be mounted side by side in optional 19" EIA Standard Rack

PVM-136 / PVM-96

- Application: Broadcast and Production/Professional
- Utilizes D65 Phosphor
 - 1000 TV Lines (PVM-136) / 900 TV Lines (PVM-96)
 - Underscan Function to Display Entire Active Picture
 - H/V Delay to Display Horizontal/Vertical Intervals on Screen Center
 - Switchable Aspect Ratio 4:3/16:9 to comply with Wide Screen Formats
 - Built-in Speaker for Audio Monitoring
 - External Sync for synchronization with other system equipment

(viewable area measured diagonally)

Professional (cont.)

LMD-170WS / LMD-230WS



Application: Professional

- 17/23 inch (viewable area measured diagonally) LCD Video Monitors
- New Two Piece Design
- Panel can be mounted up to five meters from controls
- High Resolution IPS LCD Panel offering Twist Speeds that allow display of HD
- Displays 1080i, 1080/24Psf, 720P, 480P, 480i, and NTSC
- Knob controls for Contrast, Brightness, Phase and Saturation
- Two Option Slots
- Option Cards include SDI, HDSDI, and IEEE 1394 Decoders

LMD-440



Application: Professional

- 4 X 4 inch LCD Panel Kit
- High Resolution STN LCD Panels
- 3 RU High Cabinet
- Low Power Consumption, Shallow Depth, and Low Heat Generation
- Offers optional SDI Input Cards that can be added at any time

LMD-530



Application: Professional

- 3 X 5.6 inch LCD Panel Kit
- High Resolution STN LCD Panels
- 3 RU High Cabinet
- Low Power Consumption, Shallow Depth, and Low Heat Generation
- Offers Optional SDI Input Cards that can be added at any time

LMD-650



Application: Professional

- 6.5 inch (viewable area measured diagonally) screen
- NTSC/PAL/Black/White
- Standard Tripod Screws on all four sides allow Versatile Field Mounting
- Operates on 120V AC, 12V DC or battery
- Sun Hood included
- Rack Mountable with Optional Rack Kit

(viewable area measured diagonally)

LMD-720W

Application: Professional

- 2 X 7 inch 16:9 LCD Panel Kit
- High Resolution STN LCD Panels
- 3 RU High Cabinet
- Low Power Consumption, Shallow Depth, and Low Heat Generation
- Offers Optional SDI Input Cards that can be added at any time

General Viewing

PVM-20N6U / PVM-14N6U



Application: General Viewing

- High Resolution: 500 TV Lines
- Beam Current Feedback Circuitry for Color Balance Stability
- Accepts NTSC, PAL, SECAM, NTSC 4.43 Signals
- Switchable Aspect Ratio: 4:3/16:9
- RGB Input
- Loop Through Composite and Y/C Video Inputs
- Built-in Speaker for Audio Monitoring
- On-Screen Menu with Choice of Five Languages

PVM-20N5U / PVM-14N5U



Application: General Viewing

- High Resolution: 500 TV Lines
- Beam Current Feedback Circuitry for Color Balance Stability
- Accepts NTSC, PAL, SECAM, NTSC 4.43 Signals
- Loop Through Composite and Y/C Video Inputs
- Built-in Speaker for Audio Monitoring
- On-Screen Menu with Choice of Five Languages

PVM-9L2



Application: General Viewing/Professional

- New Slot Structure allows easy installation of Input Decoders
- New on Screen Menu System
- Optional Adapters for SDI, SDTI, and IEEE 1394 Inputs
- SDI and SDTI Embedded Audio can be decoded with Optional Adapter
- Automatic Detection of Composite Signal (NTSC or PAL)
- Beam Current Feedback Circuit inhibits White Balance Drift
- Can be powered by battery, external 12V DC or 120V AC
- Monitors can be mounted side by side in Optional 19" EIA Standard Rack

PVM-14L2 / PVM-20L2



Application: General Viewing/Professional

- New Slot Structure allows easy installation of Input Decoders
- 600 TV Lines provides crisp, clear images
- Optional Adapters for SDI, SDTI, and IEEE 1394 Inputs
- SDI and SDTI Embedded Audio can be decoded with Optional Adapters
- Automatic Detection of Composite Signal (NTSC or PAL)
- Auto/Chroma Phase Setup
- Beam Current Feedback Circuit inhibits White Balance Drift

(viewable area measured diagonally)

Specifications



DTV



| MODELS | BVM-D32E1WU | BVM-D24E1WU | BVM-D20F1U |
|-----------------------------------|--|--|--|
| Application | Evaluation | Evaluation | Evaluation |
| CRT Size | 32 inch 16 X 9 FD | 24 inch 16 X 9 FD | 20 inch 4 X 3 |
| Viewable Area Measured Diagonally | 29.5" | 22.5" | 19" |
| Video System | 1080/24Psf – 1080i – 720P – 480P – 480i | 1080/24Psf – 1080i – 720P – 480P – 480i | 1080/24Psf – 1080i – 720P – 480P – 480i |
| Resolution (4:3/16:9) | 1000 TV Lines | 1000 TV Lines | 900/700 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 | BKM-24N, 25P, 27T | BKM-24N, 25P, 27T | BKM-24N, 25P, 27T |
| Y/C Input/Output | BKM-24N, 25P, 27T | BKM-24N, 25P, 27T | BKM-24N, 25P, 27T |
| Analog RGB Input/Output | 1 included, 9 w/BKM-48X | 1 included, 9 w/BKM-48X | 1 included, 9 w/BKM-48X |
| Y Pb Pr Input/Output | 1 included, 9 w/BKM-48X | 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 |
| 16:9 Capability | Yes | Yes | Yes |
| Manual Degauss | Yes | Yes | Yes |
| Dual Link HD 4:4:4 | No | No | No |
| SDI Interface | BKM-20D/BKM-21D | BKM-20D/BKM-21D | BKM-20D/BKM-21D |
| HDSDI Interface | BKM-41HD/BKM-42HD | BKM-41HD/BKM-42HD | BKM-41HD/BKM-42HD |
| SDI with Audio Decoding | No | No | No |
| i.LINK® | No | No | No |
| Beam Landing Correction | Yes | Yes | No |
| Digital Uniformity | Yes | Yes | No |
| Digital Convergence | Yes | No | No |
| Remote Control Terminal | 9 Pin RS 485 | 9 Pin RS 485 | 9 Pin RS 485 |
| Rack Mount | — | — | BKM-30E20 |
| 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 | 300W | 250W | 180W |
| Dimensions (inches) | 31 ³ / ₈ W X 22 H X 27 ⁷ / ₈ D | 22 ³ / ₈ W X 17 ¹ / ₄ H X 23 ¹ / ₈ D | 17 ¹ / ₂ W X 16 ¹ / ₈ H X 22 ¹ / ₂ D |
| Weight | 206 lbs / 13 oz | 112 lbs / 3 oz | 83 lbs / 10 oz |

* Available in Spring 2003



BVM-D14H1U

BVM-D14H5U

BVM-D9H1U

BVM-D9H5U

| Viewing | Viewing | Viewing | Viewing |
|--|--|--|--|
| 14 inch 4 X 3 | 14 inch 4 X 3 | 9 inch 4 X 3 | 9 inch 4 X 3 |
| 13" | 13" | 8" | 8" |
| 1080/24Psf – 1080i – 720P – 480P – 480i | 1080/24Psf – 1080i – 720P – 480P – 480i | 1080/24Psf – 1080i – 720P – 480P – 480i | 1080/24Psf – 1080i – 720P – 480P – 480i |
| 800/600 TV Lines | 800/600 TV Lines | 450/340 TV Lines | 450/340 TV Lines |
| SMPTE-C | SMPTE-C | P22 | P22 |
| D65, User w/Automatics | D65, User w/Automatics | D65, User w/Automatics | D65, User w/Automatics |
| BKM-127W | BKM-127W | BKM-127W | BKM-127W |
| 1 | 1 | 1 | 1 |
| 1 included, 3 w/BKM-129X | 1 included, 3 w/BKM-129X | 1 included, 3 w/BKM-129X | 1 included, 3 w/BKM-129X |
| 1 included, 3 w/BKM-129X | 1 included, 3 w/BKM-129X | 1 included, 3 w/BKM-129X | 1 included, 3 w/BKM-129X |
| No | No | No | No |
| Yes | Yes | Yes | Yes |
| No | No | No | 3 |
| Yes | Yes | Yes | Yes |
| 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-120D | BKM-120D | BKM-120D | BKM-120D |
| BKM-142HD | BKM-142HD | BKM-142HD | BKM-142HD |
| BKM-150CP | BKM-150CP | BKM-150CP | BKM-150CP |
| BKM-155DV* | BKM-155DV* | BKM-155DV* | BKM-155DV* |
| No | No | No | No |
| No | No | No | No |
| No | No | No | No |
| 9 Pin RS 485 | 9 Pin RS 485 | 9 Pin RS 485/422 | 9 Pin RS 485 |
| BKM-31E14 | BKM-30E14 | MB-520 | MB-520 |
| 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 |
| 115W | 115W | 85W | 85W |
| 13 ⁵ / ₈ W X 11 ¹ / ₈ H X 20 ¹ / ₂ D | 19 W X 11 ¹ / ₈ H X 22 ¹ / ₄ D | 8 ⁵ / ₈ W X 6 ⁷ / ₈ H X 14 ³ / ₈ D | 8 ⁵ / ₈ W X 8 ⁵ / ₈ H X 15 D |
| 46 lbs / 3 oz | 50 lbs / 10 oz | 17 lbs / 13 oz | 20 lbs / 7 oz |

E Cinema/1080 Production



MODELS

BVM-F24U

| Application | Evaluation |
|-----------------------------------|--|
| CRT Size | 24 inch 16 X 9 FD |
| Viewable Area Measured Diagonally | 22.5" |
| Video System | 1080/24P – 1080/24Psf – 1080/60P – 1080i |
| Resolution (4:3/16:9) | 1000 TV Lines |
| Phosphor | SMPTE-C |
| Color Temperature | D65, User w/Automatics |
| Composite Video Input | No |
| Y/C Input/Output | No |
| Analog RGB Input/Output | 1 |
| Y Pb Pr Input/Output | No |
| Computer Input | No |
| External Sync Input/Output | Yes |
| Audio Input/Output | No |
| Underscan | Yes |
| Blue Only | Yes |
| H/V Delay | Yes |
| 4:3 Capacity | Yes |
| 16:9 Capability | Yes |
| Manual Degauss | Yes |
| Dual Link HD 4:4:4 | Yes (included) |
| SDI Interface | No |
| HDSDI Interface | Yes (included) |
| SDI with Audio Decoding | No |
| i.LINK® | No |
| Beam Landing Correction | Yes |
| Digital Uniformity | Yes |
| Digital Convergence | Yes |
| Remote Control Terminal | 9 Pin RS 485 |
| Rack Mount | — |
| Power Requirements | AC 100 to 120V/220 to 240V 50/60Hz |
| Power Consumption | 250W |
| Dimensions (inches) | 22 ³ / ₈ W X 17 ¹ / ₄ H X 24 ¹ / ₈ D |
| Weight | 119 lbs |

PlasmaPro™ Flat-Panel Monitors



| MODELS | PFM-32C1 | PFM-42B2 | PFM-50C1 |
|--------|----------|----------|----------|
|--------|----------|----------|----------|

| Application | Presentation | Presentation | Presentation |
|-----------------------------------|---|---|---|
| Size/Display Technology †† | 32 inch / PDP Plasma | 42 inch / PDP Plasma | 50 inch / PDP Plasma |
| Viewable Area Measured Diagonally | 32" | 42" | 50" |
| 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 |
| Aspect Ratio | 16:9 | 16:9 | 16:9 |
| Resolution | 852 X 1024 | 1024 X 1024 | 1365 X 768 |
| Brightness | 650 Nits | 650 Nits | 650 Nits |
| 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 / Speaker |
| Audio Amplifier | 7W X 7W | None | 7W X 7W |
| 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 with Audio Decoding | No | No | No |
| i.LINK® | No | No | No |
| Remote Control Terminal | RS 232 and Control S | RS 232 | RS 232 and Control S |
| Wall Mount | Wall Bracket | Wall Bracket | Wall Bracket |
| 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, 5.4 to 2.2A |
| 12 Volt Input | No | No | No |
| Power Consumption | 270W | 360W | 490W |
| Dimensions (inches) | 33 W X 20 ⁵ / ₁₆ H X 3 ¹ / ₁₆ D | 40 ¹ / ₄ W X 24 ⁷ / ₁₆ H X 3 ³ / ₁₆ D | 49 W X 29 ³ / ₁₆ H X 3 ¹ / ₁₆ D |
| Weight | 48 lbs / 8 oz | 62 lbs / 9 oz | 94 lbs / 8 oz |

†† viewable area measured diagonally

Broadcast and Production



| MODELS | PVM-14L5/1 | PVM-20L5/1 | PVM-8045Q |
|-----------------------------------|--|--|--|
| Application | Viewing | Viewing | Viewing, Portable |
| CRT Size | 14 inch 4 X 3 | 20 inch 4 X 3 | 9 inch 4 X 3 |
| Viewable Area Measured Diagonally | 13" | 19" | 8" |
| Video System | 1080/24Psf – 1080i – 1035i – 720P – 480P – 480i | 1080/24Psf – 1080i – 1035i – 720P – 480P – 480i | PAL, NTSC, SECAM, NTSC 4.43 |
| Resolution (4:3/16:9) | 800/600 TV Lines | 800/600 TV Lines | 450 TV Lines |
| Phosphor | SMPTE-C | SMPTE-C | P22 |
| Color Temperature | D65, User | 6500K/9300L/User (3200K-10,000K) | 6500K |
| Composite Video Input/Output | 2 with loop thru | 2 with loop thru | 2 |
| Y/C Input/Output | 1 with loop thru | 1 with loop thru | 1 |
| Analog RGB Input/Output | Included | 1 with loop thru (switchable RGB/Component) | 1 (input only) |
| Y Pb Pr Input/Output | Included | 1 with loop thru (switchable RGB/Component) | 1 (input only) |
| Computer Input | No | No | No |
| External Sync Input/Output | Yes | Yes | Yes |
| Audio Input/Output | 3 | 3 | 3 |
| Underscan | Yes | Yes | Yes |
| Blue Only | Yes | Yes | Yes |
| H/V Delay | Yes | Yes | Yes |
| 4:3 Capacity | Yes | Yes | Yes |
| 16:9 Capability | Yes | Yes | Yes |
| Manual Degauss | Yes | Yes | Yes |
| Dual Link HD 4:4:4 | No | No | No |
| SDI Interface | BKM-120D | BKM-120D | No |
| HDSDI Interface | BKM-142HD | BKM-142HD | No |
| SDI with Audio Decoding | BKM-150CP | BKM-150CP | No |
| i.LINK® | BKM-155DV* | BKM-155DV* | No |
| 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 | 8 Pin Parallel, 9 Pin RS 485 | 8 Pin Parallel |
| Rack Mount | MB-521 | SLR-104 | 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 240V, 50/60Hz |
| Power Consumption | 180W | 180W | AC: 43W, DC 40W |
| Dimensions (inches) | 13 ³ / ₈ W X 11 ¹ / ₈ H X 16 ¹ / ₄ D | 17 ¹ / ₈ W X 16 ¹ / ₈ H X 19 ¹ / ₄ D | 8 ³ / ₈ W X 8 ³ / ₈ H X 14 D |
| Weight | 37 lbs / 8 oz | 68 lbs / 5 oz | 18 lbs / 1 oz |

* Available in Spring 2003



PVM-5041Q

PVM-136

PVM-96

BVM-20G1U

| Viewing, Portable | Viewing | Viewing | Broadcast |
|--|------------------------------|--------------------------------|------------------------------------|
| 6 inch 4 X 3 | 14 inch 4 X 3 | 9 inch 4 X 3 | 20 inch 4 X 3 |
| 5" | 13" | 9" | 19" |
| PAL, NTSC, SECAM, NTSC 4.43 | B&W 525/625 | B&W 525/625 | By Optional Decoder |
| 250 TV Lines | 1000 TV Lines | 900 TV Lines | 800 TV Lines |
| P22 | P22 | P22 | SMPTE-C |
| 6500K | 6500K | 6500K | D65, User w/Automatics |
| 1 | 2 | 2 | BKM-24N/BKM-27T |
| No | No | No | BKM-24N/BKM-27T |
| 1 (input only) | No | No | 1 included, 3 w/options |
| 1 (input only) | No | No | 1 included, 3 w/options |
| No | No | No | No |
| Yes (for component (Y/R-Y/B-Y) RGB signals only) | Yes | Yes | Yes |
| 2 | 2 | 2 | No |
| Yes | Yes | Yes | Yes |
| Yes | No | No | Yes |
| Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | Yes |
| No | No | No | Yes |
| No | No | No | No |
| No | No | No | BKM-20D/BKM-21D |
| No | No | No | No |
| No | No | No | No |
| No | No | No | No |
| No | No | No | No |
| No | No | No | No |
| 8 Pin Parallel | 8 Pin Parallel | 8 Pin Parallel | 9 Pin RS 485 |
| MB-520 | MB-502B | MB-520 | BKM-30E20 |
| AC 100 to 240V, 50/60Hz | AC 100 to 240V, 50/60Hz | AC 100 to 240V, 50/60Hz | AC 100 to 120V/220 to 240V 50/60Hz |
| AC/DC: 40W | 30W | 28W | 150W |
| 5 1/4" W X 6 7/8" H X 14 D | 13 3/8" W X 13 1/2" H X 13 D | 8 3/8" W X 8 7/8" H X 9 1/8" D | 17 1/2" W X 16 1/8" H X 22 1/2" D |
| 12 lbs / 2 oz | 24 lbs / 4 oz | 12 lbs / 2 oz | 81 lbs / 9 oz |

Broadcast and Production (cont.)



| MODELS | BVM-14G1U | BVM-14G5U | BVM-8045QD |
|-----------------------------------|--|--|--|
| Application | Broadcast | Broadcast | Production |
| CRT Size | 14 inch 4 X 3 | 14 inch 4 X 3 | 9 inch 4 X 3 |
| Viewable Area Measured Diagonally | 13" | 13" | 8" |
| Video System | By Optional Decoder | By Optional Decoder | PAL, NTSC, SECAM, NTSC 4.43 |
| Resolution (4:3/16:9) | 800 TV Lines | 800 TV Lines | 450 TV Lines |
| Phosphor | SMPTE-C | SMPTE-C | P22 |
| Color Temperature | D65, User w/Automatics | D65, User w/Automatics | 6500K |
| Composite Video Input | BKM-24N/BKM-27T | BKM-24N/BKM-27T | 2 |
| Y/C Input/Output | BKM-24N/BKM-27T | BKM-24N/BKM-27T | 1 |
| Analog RGB Input/Output | 1 included, 3 w/options | 1 included, 3 w/options | 1 (input only) |
| Y Pb Pr Input/Output | 1 included, 3 w/options | 1 included, 3 w/options | 1 (input only) |
| Computer Input | 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 |
| 4:3 Capacity | Yes | Yes | Yes |
| 16:9 Capability | Yes | Yes | Yes |
| Manual Degauss | Yes | Yes | Yes |
| Dual Link HD 4:4:4 | No | No | No |
| SDI Interface | BKM-20D/BKM-21D | BKM-20D/BKM-21D | Included |
| HDSDI Interface | No | No | No |
| SDI with Audio Decoding | No | No | No |
| i.LINK® | No | No | No |
| Beam Landing Correction | No | No | No |
| Digital Uniformity | No | No | No |
| Digital Convergence | No | No | No |
| Remote Control Terminal | 9 Pin RS 485 | 9 Pin RS 485 | 8 Pin Parallel |
| Rack Mount | BKM-31E14 | BKM-30E14 | 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 240V, 50/60Hz, DC 12V |
| Power Consumption | 130W | 130W | AC: 43W, DC: 40W |
| Dimensions (inches) | 13 ³ / ₈ W X 11 ¹ / ₈ H X 20 ⁷ / ₈ D | 19 W X 11 ¹ / ₈ H X 20 ⁷ / ₈ D | 8 ⁵ / ₈ W X 8 ⁵ / ₈ H X 14 D |
| Weight | 48 lbs / 8 oz | 52 lbs / 14 oz | 18 lbs / 1 oz |



BVM-20F1U

BVM-14F1U

BVM-14F5U

| Production | Production | Production |
|------------------------------------|------------------------------------|------------------------------------|
| 20 inch 4 X 3 | 14 inch 4 X 3 | 14 inch 4 X 3 |
| 19" | 13" | 13" |
| By Optional Decoder | By Optional Decoder | By Optional Decoder |
| 900 TV Lines | 800 TV Lines | 800 TV Lines |
| SMPTE-C | SMPTE-C | SMPTE-C |
| D65, User w/Automatics | D65, User w/Automatics | D65, User w/Automatics |
| BKM-24N/BKM-27T | BKM-24N/BKM-27T | BKM-24N/BKM-27T |
| BKM-24N/BKM-27T | BKM-24N/BKM-27T | BKM-24N/BKM-27T |
| 1 included, 9 w/options | 1 included, 7 w/options | 1 included, 9 w/options |
| 1 included, 9 w/options | 1 included, 7 w/options | 1 included, 9 w/options |
| No | No | No |
| Yes | Yes | Yes |
| No | No | No |
| Yes | Yes | Yes |
| Yes | Yes | Yes |
| Yes | Yes | Yes |
| Yes | Yes | Yes |
| Yes | Yes | Yes |
| Yes | Yes | Yes |
| Yes | Yes | Yes |
| No | No | No |
| BKM-20D/BKM-21D | BKM-20D/BKM-21D | BKM-20D/BKM-21D |
| No | No | No |
| No | No | No |
| No | No | No |
| No | No | No |
| No | No | No |
| No | No | No |
| 9 Pin RS 485 | 9 Pin RS 485 | 9 Pin RS 485 |
| BKM-30E20 | BKM-31E14 | BKM-30E14 |
| 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 |
| 165W | 130W | 130W |
| 17 1/2 W X 16 1/8 H X 22 1/2 D | 13 1/8 W X 11 1/8 H X 20 7/8 D | 19 W X 11 1/8 H X 20 7/8 D |
| 83 lbs / 10 oz | 50 lbs / 11 oz | 57 lbs |

Professional



| MODELS | LMD-170WS | LMD-230WS | LMD-440 |
|-----------------------------------|---|---|--|
| Application | Viewing | Viewing | Viewing |
| Size/Display Technology †† | 17 inch IPS LCD | 23 inch IPS LCD | 4 inch X 4 unit LCD |
| Viewable Area Measured Diagonally | 17" | 23" | 4" |
| Video System | 1080/24Psf – 1080i – 1035i – 720P – 480P – 480i | 1080/24Psf – 1080i – 1035i – 720P – 480P – 480i | PAL and NTSC |
| Acceptable Computer System | VGA to WXGA | VGA to WXGA | No |
| Resolution | 1280 X 768 | 1280 X 768 | 480 X 234 |
| Phosphor | Not Applicable | Not Applicable | Not Applicable |
| Color Temperature | Selectable | Selectable | Native |
| Composite Video Input/Output | 1 | 1 | 1 X 4 |
| Y/C Input/Output | 1 | 1 | No |
| Analog RGB Input/Output | 1 | 1 | No |
| Component Input/Output | 1 | 1 | No |
| Computer Inputs | 1 | 1 | No |
| External Sync Input/Output | Yes | Yes | No |
| Audio Input/Output | 2 | 2 | No |
| Overscan | Yes | Yes | No |
| Blue Only | Yes | Yes | No |
| HV Delay | Yes | Yes | No |
| 16:9 Capacity | Yes | Yes | No |
| Manual Degauss | Not Applicable | Not Applicable | Not Applicable |
| SDI Interface | BKM-220D* | BKM-220D* | BKM-320D* |
| SDI with Audio Decoding | None | None | None |
| i.LINK* | BKM-255DV* | BKM-255DV* | None |
| HDSDI Interface | BKM-243HS* | BKM-243HS* | None |
| Remote Control Terminal | RJ 45 | RJ 45 | No |
| Rack Mount | MB-522 | TBD | Included |
| Power Requirements | AC 100 to 120V/220 to 240V 50/60 Hz | AC 100 to 120V/220 to 240V 50/60 Hz | AC 100 to 120V/220 to 240V 50/60 Hz |
| Power Consumption | 65W | 105W | 18W |
| Dimensions (inches) | 17 ³ / ₄ W X 11 ¹ / ₂ H X 3 ¹ / ₄ D | 23 ³ / ₄ W X 15 ¹ / ₂ H X 4 D | 19 W X 3 ¹ / ₂ H X 2 D |
| Weight | 12 lbs / 2 oz | 16 lbs / 9 oz | 4 lbs / 3 oz |

* Available in Spring 2003

†† viewable area measured diagonally



LMD-530

LMD-650

LMD-720W

| Viewing | Viewing, Portable | Viewing |
|--|---|--|
| 5.6 inch X 3 unit LCD | 6.5 inch | 7 inch X 2 unit LCD |
| 5.6" | 6.5" | 7.2" |
| PAL and NTSC | PAL and NTSC | PAL and NTSC |
| No | No | No |
| 320 X 234 | 640 X 480 | 480 X 234 |
| Not Applicable | Not Applicable | Not Applicable |
| Native | Native | Native |
| 1 X 3 | 1 | 1 X 2 |
| No | 1 | No |
| No | No | No |
| No | No | No |
| No | No | No |
| No | 1 | No |
| No | No | No |
| No | No | No |
| No | No | No |
| No | No | No |
| Not Applicable | Not Applicable | Not Applicable |
| BKM-320D* | None | BKM-320D* |
| None | None | None |
| None | None | None |
| None | None | None |
| No | No | No |
| Included | MB-506 | Included |
| AC 100 to 120V/220 to 240V 50/60 Hz | 12V (AC adapter supplied) | AC 100 to 120V/220 to 240V 50/60 Hz |
| 22W | 12W | 18W |
| 19 W X 5 ¹ / ₄ H X 2 D | 8 ⁵ / ₁₆ W X 5 ⁵ / ₁₆ H X 2 ¹ / ₄ D | 19 W X 5 ¹ / ₄ H X 2 D |
| 5 lbs / 8 oz | 2 lbs / 5 oz | 5 lbs / 1 oz |

Professional (cont.)



| MODELS | PVM-14L5/1 | PVM-20L5/1 | PVM-8045Q |
|-----------------------------------|--|--|--|
| Application | Viewing | Viewing | Viewing, Portable |
| Size/Display Technology †† | 14 inch 4 X 3 | 20 inch 4 X 3 | 9 inch 4 X 3 |
| Viewable Area Measured Diagonally | 13" | 19" | 8" |
| Video System | 1080/24Psf – 1080i/1035i /720P/ 480P/480i | 1080/24Psf – 1080i/1035i /720P/ 480P/480i | PAL, NTSC, SECAM, NTSC 4.43 |
| Resolution | 800 TV Lines | 800 TV Lines | 450 TV Lines |
| Phosphor | SMPTE-C | SMPTE-C | P22 |
| Color Temperature | 6500K/9300L/User (3200K-10,000K) | 6500K/9300L/User (3200K-10,000K) | 6500K |
| Composite Video Input/Output | 2 with loop thru | 2 with loop thru | 2 |
| Y/C Input/Output | 1 with loop thru | 1 with loop thru | 1 |
| Analog RGB Input/Output | 1 with loop thru (switchable RGB/component) | 1 with loop thru (switchable RGB/component) | 1 (input only) |
| Component Input/Output | 1 with loop thru (switchable RGB/component) | 1 with loop thru (switchable RGB/component) | 1 (input only) |
| Computer Inputs | No | No | No |
| External Sync Input/Output | Yes | Yes | Yes |
| Audio Input/Output | 3 | 3 | 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 | BKM-120D | No |
| SDI with Audio Decoding | BKM-150CP | BKM-150CP | No |
| i.LINK® | BKM-155DV* | BKM-155DV* | No |
| HDSDI Interface | BKM-142HD | BKM-142HD | No |
| Remote Control Terminal | 8 Pin Parallel, 9 Pin RS 485 | 8 Pin Parallel, 9 Pin RS 485 | 8 Pin Parallel |
| Rack Mount | MB-521 | SLR-104 | 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 240V, 50/60Hz |
| Power Consumption | 130W | 180W | AC: 43W, DC: 40W |
| Dimensions (inches) | 13 ³ / ₈ W X 11 ¹ / ₈ H X 16 ³ / ₄ D | 17 ¹ / ₈ W X 16 ³ / ₈ H X 19 ³ / ₄ D | 8 ⁵ / ₈ W X 8 ⁵ / ₈ H X 14 D |
| Weight | 37 lbs / 8 oz | 68 lbs / 5 oz | 18 lbs / 1 oz |

* Available in Spring 2003

†† viewable area measured diagonally



PVM-5041Q

PVM-136

PVM-96

PVM-8040

| Viewing, Portable | Viewing | Viewing | Viewing |
|--|--|---|--|
| 6 inch 4 X 3 | 13 inch 4 X 3 | 9 inch 4 X 3 | 9 inch 4 X 3 |
| 5" | 13" | 9" | 8" |
| PAL, NTSC, SECAM, NTSC 4.43 | B&W 525/625 | B&W 525/625 | NTSC |
| 250 TV Lines | 1000 TV Lines | 900 TV Lines | 250 TV Lines |
| P22 | P22 | P22 | P22 |
| 6500K | 6500K | 6500K | 6500K |
| 1 | 2 | 2 | 1 |
| No | No | No | 1 |
| 1 (input only) | No | No | No |
| 1 (input only) | No | No | No |
| No | No | No | No |
| Yes (for component (Y/R-Y/B-Y) RGB signals only) | Yes | Yes | No |
| 2 | 2 | 2 | 1 |
| Yes | Yes | Yes | No |
| Yes | No | No | No |
| Yes | Yes | Yes | No |
| Yes | Yes | Yes | No |
| No | No | No | No |
| No | No | No | No |
| No | No | No | No |
| No | No | No | No |
| No | No | No | No |
| 8 Pin Parallel | 8 Pin Parallel | 8 Pin Parallel | No |
| MB-520 | MB-502B | 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 |
| AC/DC: 40W | 30W (max) | 28W | AC: 39W |
| 5 ³ / ₄ " W X 6 ⁷ / ₈ " H X 14 D | 13 ³ / ₈ " W X 13 ¹ / ₂ " H X 13 D | 8 ⁵ / ₈ " W X 8 ⁵ / ₈ " H X 9 ¹ / ₈ " D | 8 ⁵ / ₈ " W X 8 ⁵ / ₈ " H X 14 D |
| 12 lbs / 2 oz | 24 lbs / 4 oz | 12 lbs / 1 oz | 17 lbs / 3 oz |

Professional (cont.)



| MODELS | PVM-137 | PVM-97 | PVM-9L2 |
|-----------------------------------|--|---|--|
| Application | Viewing | Viewing | Viewing, Portable |
| CRT Size | 13 inch 4 X 3 | 9 inch 4 X 3 | 9 inch 4 X 3 |
| Viewable Area Measured Diagonally | 13" | 9" | 8" |
| Video System | B&W 525/625 | B&W 525/625 | PAL and NTSC |
| Resolution | 1000 TV Lines | 900 TV Lines | 250 TV Lines |
| Phosphor | P22 | P22 | P22 |
| Color Temperature | 9300K | 9300K | 6500K |
| Composite Video Input | 2 | 2 | 2 |
| Y/C Input/Output | No | No | 1 |
| Analog RGB Input/Output | No | No | BKM-129X |
| Component Input/Output | No | No | BKM-129X |
| Computer Inputs | No | No | No |
| External Sync Input/Output | Yes | Yes | Yes |
| Audio Input/Output | 2 | 2 | 2 |
| Underscan | No | No | Yes |
| Blue Only | No | No | Yes |
| H/V Delay | No | No | No |
| 16:9 Capacity | No | No | Yes |
| Manual Degauss | No | No | Yes |
| SDI Interface | No | No | BKM-120D |
| SDI with Audio Decoding | No | No | BKM-150CP |
| i.LINK® | No | No | BKM-155DV* |
| HDSDI Interface | No | No | No |
| Remote Control Terminal | 8 Pin Parallel | 8 Pin Parallel | RJ 45 Connector |
| Rack Mount | MB-502B | 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 | 30W (max) | 28W (max) | AC: 47W, DC: 38W |
| Dimensions (inches) | 13 ³ / ₈ W X 13 ¹ / ₂ H X 13 D | 8 ⁷ / ₈ W X 8 ⁵ / ₈ H X 9 ⁷ / ₈ D | 8 ⁵ / ₈ W X 8 ³ / ₈ H X 14 ¹ / ₂ D |
| Weight | 24 lbs / 4 oz | 12 lbs / 2 oz | 17 lbs / 10 oz |

* Available in Spring 2003


PVM-14L2
PVM-20L2

| Viewing | Viewing |
|--|--|
| 14 inch 4 X 3 | 20 inch 4 X 3 |
| 13" | 19" |
| PAL and NTSC | PAL and NTSC |
| 600 TV Lines | 600 TV Lines |
| P22 | P22 |
| 6500K/9300L/User (3200K-10,000K) | 6500K/9300L/User (3200K-10,000K) |
| 2 with loop thru | 2 with loop thru |
| 1 with loop thru | 1 with loop thru |
| 1 with loop thru (switchable RGB/component) | 1 with loop thru (switchable RGB/component) |
| 1 with loop thru (switchable RGB/component) | 1 with loop thru (switchable RGB/component) |
| No | No |
| Yes | Yes |
| 3 | 3 |
| Yes | Yes |
| Yes | Yes |
| No | No |
| Yes | Yes |
| Yes | Yes |
| BKM-120D | BKM-120D |
| BKM-150CP | BKM-150CP |
| BKM-155DV* | BKM-155DV* |
| No | No |
| RJ 45 Connector | RJ 45 Connector |
| MB-502B | SLR-103 |
| AC 100 to 120V/220 to 240V 50/60Hz | AC 100 to 120V/220 to 240V 50/60Hz |
| 75W | 98W |
| 13 ³ / ₈ W X 13 ¹ / ₂ H X 17 D | 17 ⁷ / ₈ W X 18 ¹ / ₄ H X 20 ⁷ / ₈ D |
| 39 lbs / 11 oz | 72 lbs / 12 oz |

General Viewing



| MODELS | PVM-20N6U | PVM-14N6U | PVM-20N5U |
|-----------------------------------|--|---|--|
| Application | General | General | General |
| CRT Size | 20 inch 4 X 3 | 14 inch 4 X 3 | 20 inch 4 X 3 |
| Viewable Area Measured Diagonally | 19" | 13" | 19" |
| Video System | PAL, NTSC, SECAM, NTSC 4.43 | PAL, NTSC, SECAM, NTSC 4.43 | PAL, NTSC, SECAM, NTSC 4.43 |
| Resolution | 500 TV Lines | 500 TV Lines | 500 TV Lines |
| Phosphor | P22 | P22 | P22 |
| Color Temperature | 6500K | 6500K | 6500K |
| Composite Video Input/Output | 2 | 2 | 2 |
| Y/C Input/Output | 2 | 2 | 2 |
| Analog RGB Input/Output | 1 (input only) | 1 (input only) | No |
| Component Input/Output | No | No | No |
| Computer Inputs | No | No | No |
| External Sync Input/Output | Yes (for RGB signal only) | Yes (for RGB signal only) | No |
| Audio Input/Output | 3 | 3 | 2 |
| Underscan | No | No | No |
| Blue Only | No | No | No |
| H/V Delay | No | No | No |
| 16:9 Capacity | Yes | Yes | No |
| Manual Degauss | No | No | No |
| SDI Interface | No | No | No |
| SDI with Audio Decoding | No | No | No |
| i.LINK® | No | No | No |
| HDSDI Interface | No | No | No |
| Remote Control Terminal | Mini jack | Mini jack | No |
| Rack Mount | SLR-103A slide rail kit | MB-502B | 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 | 105W | 80W | 65W |
| Dimensions (inches) | 17 ¹¹ / ₁₆ W X 17 ³ / ₈ H X 19 ³ / ₄ D | 13 ³ / ₈ W X 13 ³ / ₈ H X 16 ⁶ / ₁₆ D | 17 ¹¹ / ₁₆ W X 17 ³ / ₈ H X 19 ³ / ₄ D |
| Weight | 61 lbs / 11 oz | 33 lbs / 1 oz | 61 lbs / 11 oz |

* Available in Spring 2003


PVM-14N5U
PVM-9L2
PVM-14L2
PVM-20L2

| General | Viewing, Portable | Viewing | Viewing |
|---|---|--|---|
| 14 inch 4 X 3 | 9 inch 4 X 3 | 14 inch 4 X 3 | 20 inch 4 X 3 |
| 13" | 8" | 13" | 19" |
| PAL, NTSC, SECAM, NTSC 4.43 | PAL and NTSC | PAL and NTSC | PAL and NTSC |
| 500 TV Lines | 250 TV Lines | 600 TV Lines | 600 TV Lines |
| P22 | P22 | P22 | P22 |
| 6500K | 6500K | 6500K/9300L/User (3200K-10,000K) | 6500K/9300L/User (3200K-10,000K) |
| 2 | 2 | 2 with loop thru | 2 with loop thru |
| 2 | 1 | 1 with loop thru | 1 with loop thru |
| No | BKM-129X | 1 with loop thru (switchable RGB/component) | 1 with loop thru (switchable RGB/component) |
| No | BKM-129X | 1 with loop thru (switchable RGB/component) | 1 with loop thru (switchable RGB/component) |
| No | No | No | No |
| No | Yes | Yes | Yes |
| 2 | 2 | 3 | 3 |
| No | Yes | Yes | Yes |
| No | Yes | Yes | Yes |
| No | No | No | No |
| No | Yes | Yes | Yes |
| No | Yes | Yes | Yes |
| No | BKM-120D | BKM-120D | BKM-120D |
| No | BKM-150CP | BKM-150CP | BKM-150CP |
| No | BKM-155DV* | BKM-155DV* | BKM-155DV* |
| No | No | No | No |
| No | RJ 45 Connector | RJ 45 Connector | RJ 45 Connector |
| MB-502B | MB-520 | MB-502B | SLR-103 |
| AC 100 to 240V, 50/60Hz | AC 100 to 240V, 50/60Hz | AC 100 to 120V/220 to 240V 50/60Hz | AC 100 to 120V/220 to 240V 50/60Hz |
| 80W | AC: 47W, DC: 38W | 75W | 98W |
| 13 ³ / ₁₆ W X 13 ³ / ₁₆ H X 16 ⁷ / ₁₆ D | 8 ⁵ / ₁₆ W X 8 ⁵ / ₁₆ H X 14 ³ / ₁₆ D | 13 ³ / ₁₆ W X 13 ³ / ₁₆ H X 17 D | 17 ⁷ / ₁₆ W X 18 ¹ / ₁₆ H X 20 ⁷ / ₁₆ D |
| 33 lbs / 1 oz | 17 lbs / 10 oz | 39 lbs / 11 oz | 72 lbs / 12 oz |

Monitor Options

| Model | Control Panel | Control Panel Attachment Kit | Hand Held Control Panel | Memory Card | Light Probe | 4:2:2 Input | 4:2:2/4fsc | MPEG 2 | DV | HDSI | Digital Input Extender | Analog Input Extender |
|-------------|---------------|------------------------------|-------------------------|-------------|-------------|-------------|------------|-----------|------------|------------|------------------------|-----------------------|
| BVM-14F1U | BKM-10R | MB-510G//A | BKM-11R | BKM-12Y/US | BKM-14L | BKM-20D | BKM-21D | | | | BKM-22X | BKM-28X |
| BVM-14F5U | | | BKM-11R | BKM-12Y/US | BKM-14L | BKM-20D | BKM-21D | | | | BKM-22X | BKM-28X |
| BVM-14G1U | BKM-10R | MB-510G//A | BKM-11R | BKM-12Y/US | BKM-14L | BKM-20D | BKM-21D | | | | | BKM-28X |
| BVM-14G5U | | | BKM-11R | BKM-12Y/US | BKM-14L | BKM-20D | BKM-21D | | | | | BKM-28X |
| BVM-20F1U | BKM-10R | BKM-32H | BKM-11R | BKM-12Y/US | BKM-14L | BKM-20D | BKM-21D | | | | BKM-22X | BKM-28X |
| BVM-20G1U | BKM-10R | BKM-32H | BKM-11R | BKM-12Y/US | BKM-14L | BKM-20D | BKM-21D | | | | | BKM-28X |
| BVM-8045QD | | | | | | Included | | | | | | |
| BVM-D14H1U | BKM-10R | MB-510G//A | BKM-11R | BKM-12Y/US | BKM-14L | BKM-120D | | BKM-150CP | BKM-155DV* | BKM-142HD | | |
| BVM-D14H5U | | | BKM-11R | BKM-12Y/US | BKM-14L | BKM-120D | | BKM-150CP | BKM-155DV* | BKM-142HD | | |
| BVM-D20F1U | BKM-10R | BKM-32H | BKM-11R | BKM-12Y/US | BKM-14L | BKM-20D | BKM-21D | | | BKM-41HD | BKM-22X | BKM-28X |
| BVM-D24E1WU | BKM-10R | BKM-34H | BKM-11R | BKM-12Y/US | BKM-14L | BKM-20D | BKM-21D | | | BKM-41HD | BKM-22X | BKM-28X |
| BVM-D32E1WU | BKM-10R | | BKM-11R | BKM-12Y/US | BKM-14L | BKM-20D | BKM-21D | | | BKM-41HD | BKM-22X | BKM-28X |
| BVM-D9H1U | | MB-510G//A | BKM-11R | BKM-12Y/US | BKM-14L | BKM-120D | | BKM-150CP | BKM-155DV* | BKM-142HD | | BKM-129X |
| BVM-D9H5U | | | BKM-11R | BKM-12Y/US | BKM-14L | BKM-120D | | BKM-150CP | BKM-155DV* | BKM-142HD | | BKM-129X |
| BVM-F24U | BKM-10R | BKM-34H | BKM-11R | BKM-12Y/US | BKM-14L | | | | | | | |
| LMD-170WS | Included | | | | | BKM-220D* | | | BKM-255DV* | BKM-243HS* | | |
| LMD-230WS | Included | | | | | BKM-220D* | | | BKM-255DV* | BKM-243HS* | | |
| LMD-440 | | | | | | BKM-320D* | | | | | | |
| LMD-530 | | | | | | BKM-320D* | | | | | | |
| LMD-650 | | | | | | BKM-320D* | | | | | | |
| LMD-720W | | | | | | BKM-320D* | | | | | | |
| PFM-32C1 | | | | | | | | | | | | |
| PFM-42B2 | | | | | | | | | | | | |
| PFM-50C1 | | | | | | | | | | | | |
| PVM-14L2 | | | | | | BKM-120D | | BKM-150CP | BKM-155DV* | | | BKM-129X |
| PVM-14L5/1 | | | | | | BKM-120D | | BKM-150CP | BKM-155DV* | BKM-142HD | | BKM-129X |
| PVM-14N5U | | | | | | | | | | | | |
| PVM-14N6U | | | | | | | | | | | | |
| PVM-20L2 | | | | | | BKM-120D | | BKM-150CP | BKM-155DV* | | | BKM-129X |
| PVM-20L5/1 | | | | | | BKM-120D | | BKM-150CP | BKM-155DV* | BKM-142HD | | BKM-129X |
| PVM-20N5U | | | | | | | | | | | | |
| PVM-20N6U | | | | | | | | | | | | |
| PVM-5041Q | | | | | | | | | | | | |
| PVM-8040 | | | | | | | | | | | | |
| PVM-8045Q | | | | | | | | | | | | |
| PVM-9L2 | | | | | | BKM-120D | | BKM-150CP | BKM-155DV* | | | BKM-129X |

* Available in Spring 2003

Notes



Notes



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