

MULTI - FORMAT LCD MONITOR

PRM-102F

Dual 10" Innovative Full HD LCD Multi-Channel Rack Monitor



The innovative PRM-102F features two 10" full-resolution (1920x1200) LED backlit LCD panels. The 4RU PRM-102F provides front panel individual control of Brightness, Contrast, Chrome, Audio Volume, SDI A/B select, HDMI, Analog, Aspect select (16:9, 4:3), H/V Delay, Embedded Audio Level, Scan (Over, Zero, 1:1), Marker (user selectable), R/G/B/Gray, Waveform (Y/Cb/Cr)/VectorScope, Wide Angle View and supports HDMI to SDI Cross Converting.

Inputs include two 3G-SDI with active loop through plus component analog, S-Video, HDMI, three composite analog inputs, RJ45 remote control, and USB firmware upgrade port. Outputs include one SDI, one HDMI and one stereo mini audio out.

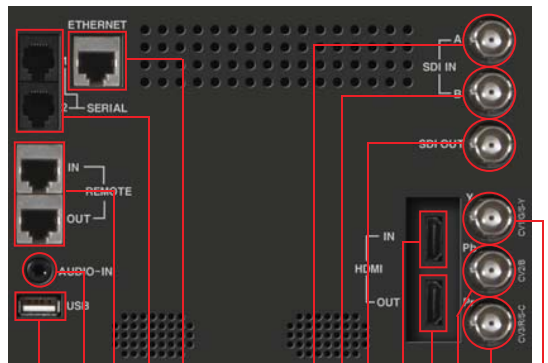
►► Product Highlights

- Color Calibration for optimal luminance, gamma, color temperature
- Supporting 3G-SDI (Level A/B) - 10-bit Signal Processor
- HDMI-to-SDI & SDI-to-HDMI Converter
- Horizontal/Vertical Level Meters
- Battery Level Indicator - Auto Tally On When recording
- Auto Luminance Control - Auto Color Temperature Adjustment - Auto H/V Flip
- Still Image Overlay(SDI/HDMI, When this function is activated, Auto Flip is not working)
- PIP, PAP(Between analog and digital input)
- USB Memory Update - Focus Assistance - False Color
- Waveform - Vector scope - Compatible to various DSLR Output
- Closed Caption (CEA-608/708) - Time Code(Except 3G Level B)
- 8~16ch Audio Level Meter - Exposure Range Check
- UMD/IMD Mode - AFD & V-CHIP(SDI Only)
- Various Markers (EBU, 4:3, 16:9, 1.85:1, 2.35:1, etc.)
- H/V Delay, Pixel-to-Pixel View, Zero/Under/Over Scan, Blue/Mono, Fast Motion Mode
- Tally LED Control Output - R/G/B/W Internal Patterns

► Connector Panel



- A-AUDIO OUT
- B-BRIGHT
- C-CONYRAST
- D-CHROMA
- E-VOLUME
- F- ENTER
- G-MANU
- H-HDMI
- I-SDI-A/B
- J-SCAN
- K-ANANLOG
- L-MARKER
- M-ASPECT
- N-H/VDELAY
- O-R/G/B/GRAY
- P- WAVE/VECTOR
- Q- AUDIO LEVEL
- R- F2
- S- F1
- T- STANDY



- 1- USB
- 2- AUDIO-IN
- 3- REMOTE
- 4- SERIAL
- 5- ETHERNET
- 6- SDI IN-A
- 7- SDI IN-B
- 8- SDI-OUT
- 9- HDMI-IN
- 10- HDMI-OUT
- 11- Pb
- 12- Pr
- 13- Y

► Dimensions (W x H x D) : 480x176x50 (mm)/18.8x6.9x1.96 (inch),
4RU

► Product Specifications

PRM-102F		
LCD	Size	10 inch /216.81 (H) X 135.50 (V) mm
	Resolution	1920 x3(RGB)X1200
	Pixel Pitch	0.11292 (H) x 0.11292 (V) mm
	Color	16.7M Colors (RGB 6-bit+Hi-FRC)
	Viewing Angle	H : 170 degrees V : 170 degrees
	Luminance of White	320cd/ m ² (center)
	Contrast	800 : 1
Number of Screens	2	
Input (1 Screen)	2 x BNC	HD/SD-SDI, 3G/1.485G/270M
	1 x HDMI	HDMI, (with HDCP v.1.1), 19pin Female
	3 x RCA	Analog(YPbPr/CVBS/S-Video/RGB)
Output (1 Screen)	1 x BNC	Selectable SDI-1/2 Loop-through or HDMI conversion Out
	1 x HDMI	HDMI (with HDCP v.1.1), 19pin Female or SDI conversion Out
Analog Input Level	Composite	1.0Vp-p(with sync), NTSC/PAL
	YC(S-Video)	Y :1.0Vp-p, C:0.286Vp-p
	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
Input Signal Format	SMPTE 425M AB	Level A MS1, MS2, MS3, MS4 Level B MS1, MS2, MS3, MS4
	SMPTE-274M/292M	1080i (60/59.94/50)
	SMPTE-296M	720p(60/59.94/50)
	SMPTE-260M	1035i (60/59.94)
	SMPTE-125M/259M	480i(60/59.94), 576i(50)
	2K, SMPTE 428M	2048 x 1080p(24/24sF/23.98/23.98sF)
	ITU-R.BT.656	576i (50)
	HDMI	~ 1080p(60)
Audio In/Out	1 x Phone Jack In	Line In(Stereo)
	1 x Phone Jack Out	H/P Out(Stereo)
	1 x Speaker Out	0.5W, Mono
	CVBS Input	NTSC (525 / 59.94i), PAL (625/50i), PAL-M (525 / 59.94i)
S-Video Input	NTSC (525 / 59.94i), PAL (625/50i), PAL-M (525 / 59.94i)	
Power	2.4A	
Power Consumption (Approx.)	18 Watts	
Operating Temperature	-10°C ~ 40°C	
Operating Humidity	20% ~ 80% RH	
Accessories	DC Power Adapter	

* Specifications may be changed without notice.