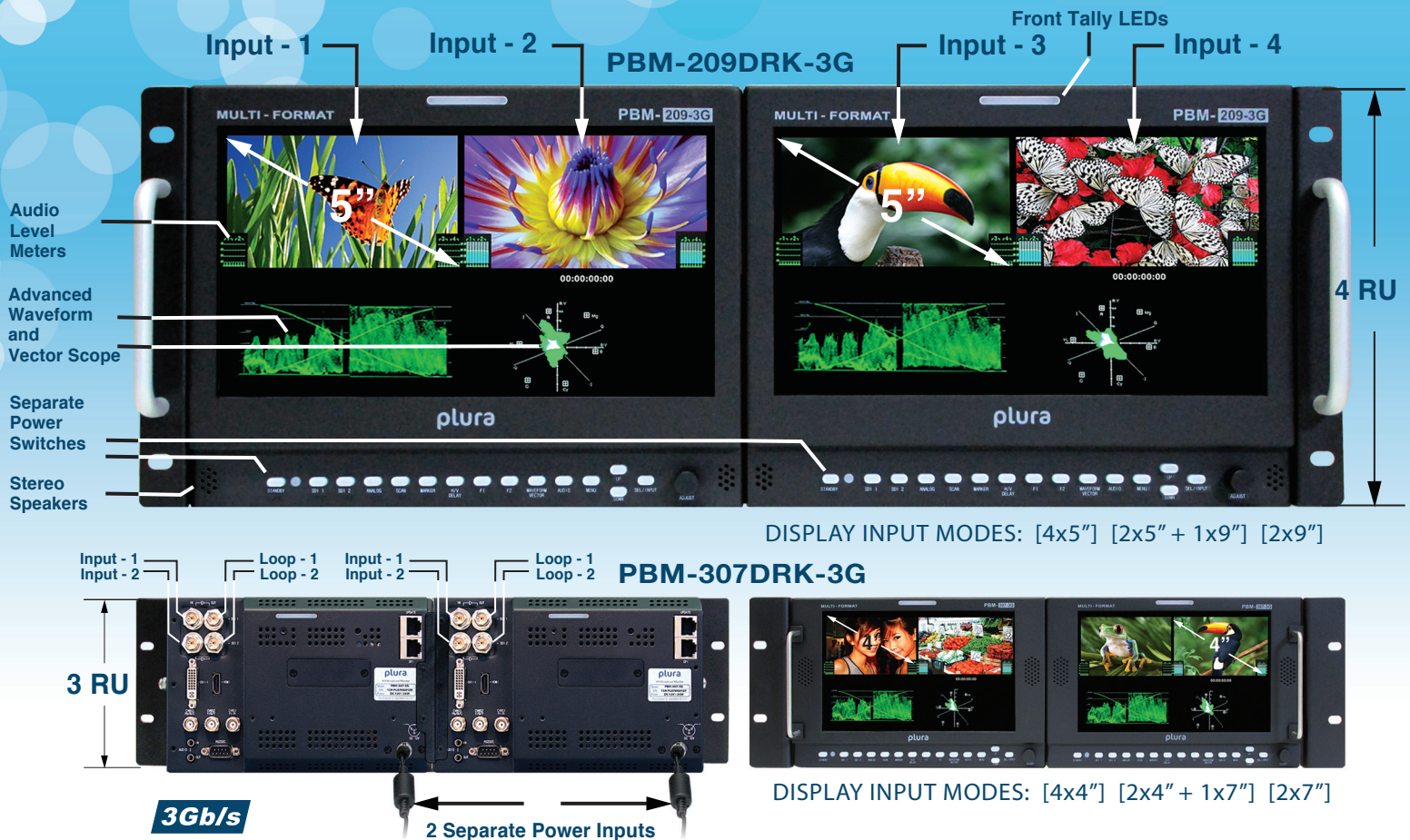


Broadcast Technologies ... Redefined!™

plura®

PBM-DRK-3G Series

Quadruple - 5" Inputs Display - 3Gb/s-ready, Rack mounted 4 RU - Broadcast Monitors
Quadruple - 4" Inputs Display - 3Gb/s-ready, Rack mounted 3 RU - Broadcast Monitors



Key Features for both PBM-307DRK-3G & PBM-209DRK-3G

- ▶ 4 images with 2 waveform/vector display and 16CH audio metering for each input.
- ▶ 4 x 3G Inputs & 4 x 3G loop through outputs
- ▶ Other Inputs include: 6 x CCVS, 2 x S-Video, 2 x Component, 2 x HDMI, 2 x DVI
- ▶ Closed Caption (608-708)
- ▶ 16CH Audio Metering display per input
- ▶ Audio De-embedding
- ▶ 4 x speakers
- ▶ Waveform & Vector display & Line Select
- ▶ VPID Display (Video Payload Identification)
- ▶ 2 separate power inputs i.e. redundancy if one unit is down, you still have two other videos running.
- ▶ 2 separate power switches.
- ▶ You can display 2 or 4 images

Applications:

- ▶ Multiple Video Server Inputs monitoring
- ▶ Program & Preview monitoring
- ▶ Camera output & return feed side by side monitoring
- ▶ Multiple camera preview wall monitoring

Please note that the technical details shown here are provisional specifications (as of July 2015). The Information is subject to change without notice.

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PBM-307DRK-3G Specifications:
PBM-209DRK-3G Specifications:

FUNCTION		PBM-307DRK-3G	PBM-209DRK-3G
INPUT	SDI Input	4 EA, HD/SD Serial Digital , 3Gb/s, 1.485Gb/s, 270Mb/s, BNC Jack	
	Analog Input	6 EA, Composite, Component (YPbPr/RGB), BNC Jack	
	S-VIDEO Input	2 EA,YC (S-Video), S-Jack	
	DVI / VGA Input	2 EA, DVI-I, 24 pin, Female	
	HDMI	2 EA, HDMI, 19 pin Female	
OUTPUT	SDI Output	4 EA, BNC, Active Through Output	
	Analog Loop Output	N.A.	
ANALOG INPUT FORMAT	Composite	1.0Vpp (with sync)	
	YC (S-Video)	1.0Vpp (Y with Sync) 0.286Vpp (C)	
	Component	1.0Vpp (Y with Sync) 0.7Vpp (Pb/Pr)	
	RGB	1.0Vpp (G with Sync), 0.7Vpp (R/B)	
	DVI - (Analog PC)	H Frequency Range : 22~82KHz, V Frequency Range : 55~90Hz,	
		Maximum Resolution : UXGA at 60Hz,	
DIGITAL INPUT FORMAT		Maximum Pixel Rate : 162MHz - Separate Sync Support	
	SMPTE 428.1M	2048 x 1080p (24/25)	
	SMPTE-425M(3G)	1920 x 1080p (50/60)	
	SMPTE-260M	1920 x 1035i (60/59.94)	
	SMPTE-292M	1920 x 1080i (50/59.94/60)	
		1920 x1080p (30Psf/25Psf/24Psf/30/25/24)	
	SMPTE 372M	Dual Link HD-SDI YPbPr (4:2:2) : 1080p (50/59.94/60)	
		Dual Link HD-SDI YpbPr/RGB (4:4:4)	
		1080p (30/29.97/25/24/23.98)	
		1080i (29.97/25/24/23.98)	
		720p (60/59.94/50)	
	SMPTE 296M	1280 x 720p (50/59.94/60)	
	SMPTE 259M/C	480i (59.94)	
		576i (50)	
	Component	640 X 480 up to 1920 X 1080p	
	HDMI	H Frequency Range : 22~82KHz, V Frequency Range : 55~90Hz,	
	DVI Digital	Maximum Resolution : UXGA at 60Hz ,	
		Maximum Pixel Rate : 162MHz	
AUDIO INPUT	Input Line	Analog Stereo (RCA Jack)	
	SDI Audio Input	Embedded HD/SD-SDI Audio	
AUDIO OUTPUT	Speaker Output	Internal Speaker (Stereo) 2W+2W	
	Output Line	1EA, L/R Stereo pin jack	
	Ear-phone Output	1EA, L/R Stereo, 3.5mm pin jack	
	Output Signal	Input Line & De-embedded Audio, 1~16CH	
I/O PORT	GPI	RJ-45 8 pin (Programmable General Purpose Input)	
	RS422/485	RJ-45 8 pin for upgrade	
	Upgrade Port	D-sub 9 pin female for software upgrade	
	GPI	D-sub 9 pin female I/P for wall control	
LCD	Size	LCD 7"	LCD 9"
	Aspect Ratio	17 : 10	15 : 9
	Resolution	1024 x 600	800 x 480
	Display Area H x V	152 x 91 (mm)	196.8 x 118.08 (mm)
	Display Color	16.7M colors	16.7M colors
	Brightness	Max 400 cd/m2	Max 600 cd/m2
	Contrast RATIO	900:1 (Typical)	600:1 (Typical)
	Response Time	Tr=7.5ms / Tf=7.5ms	Tr=7.5ms / Tf=7.5ms
	Viewing Angle (deg)	Horizontal: 178 (Typ.), Vertical 178 (Typ.)	Horizontal: 178 (Typ.), Vertical 178 (Typ.)
POWER REQUIREMENT		2 X DC 12V/5A AC 100 V ~ 240 V (60/50 Hz)	2 X DC 12V/5A AC 100 V ~ 240 V (60/50 Hz)
POWER CONSUMPTION		0.5A-1.0A(12W)	0.5A-2.0A(24W)
WORKING TEMPERATURE		-30° C ~ 40° C (-22° ~ 104° F)	-30° C ~ 40° C (-22° ~ 104° F)
WORKING HUMIDITY		10% RH ~ 85% RH (Non Condensed)	10% RH ~ 85% RH (Non Condensed)
STORAGE TEMPERATURE		-30° C ~ 60° C (-22° ~ 140° F)	-30° C ~ 60° C (-22° ~ 140° F)
STORAGE HUMIDITY		10% RH ~ 85% RH (Non Condensed)	10% RH ~ 85% RH (Non Condensed)
WEIGHT (w/o Stand & Packaging)		907 Kg- 2.0 lbs	1.587 Kg - 3.5 lbs
DIMENSION (WxHxD) (w/o Stand & Box)		210 x 132 x 54 mm	229 x 175 x 55.6 mm
		8.26 x 5.16 x 2.1 Inch	9.01 x 6.88 x 2.18 inch
PACKAGING DIMENSION (WxHxD)		330 x 381 x 254 mm	330 x 381 x 254 mm
		13 x 15 x 10 Inch	13 x 15 x 10 Inch
ACCESSORY		2X Power Adapters & Power Cords	2X Power Adapters & Power Cords

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