

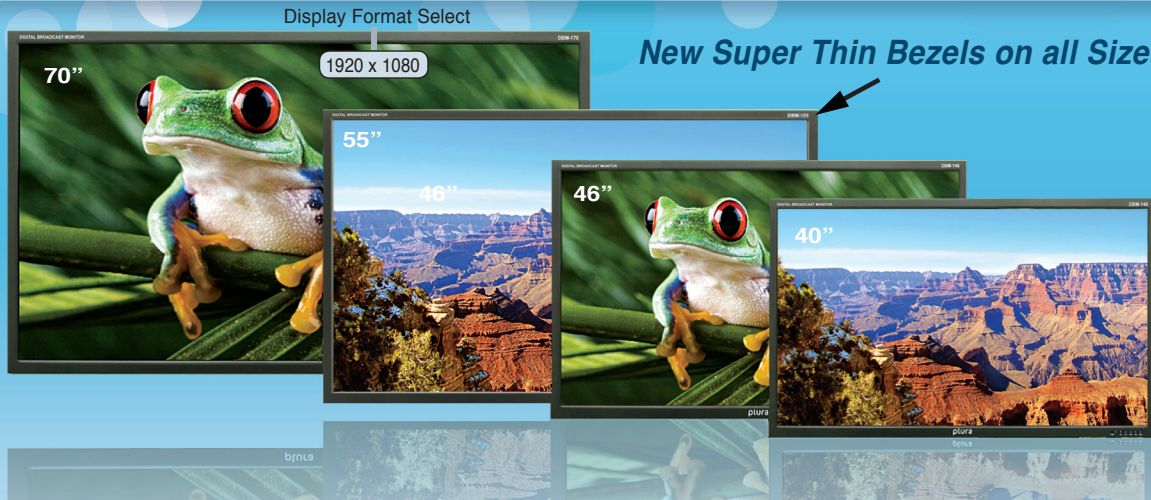
Broadcast Technologies . . . Redefined!™

plura®

DBM-Series

Broadcast Monitor Series built for 24/7 Operation

40" 46" 55" 70"

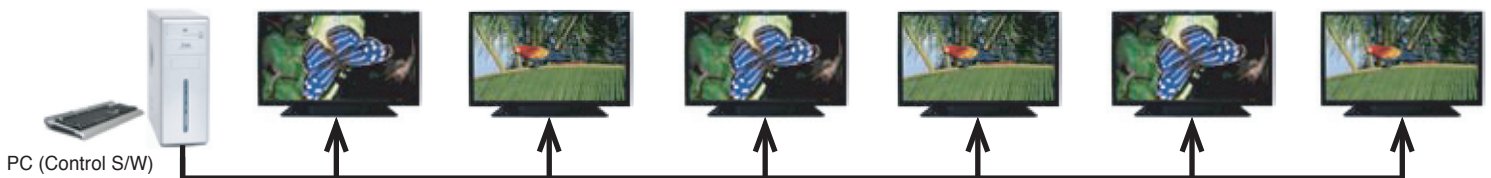


Key Features

The DBM Series is the most economical broadcast monitor series in the market - built for 24/7 operation for production, master control & monitor wall systems. It supports DVI, HDMI, VGA & Analog inputs that come standard with Auto Calibration / Alignment and Remote Wall Control Software capabilities for use in digital signage or multi-viewer applications. Available in multiple sizes: 40", 46", 55" & 70".

Descriptions

- Complies with EBU-3320 TECH, SMPTE-C and ITU-R BT.709 Standards
- Cutting edge De-interlacing and Scaling Technology
- Fast Response Time for high motion video
- 178° Viewing Angle Display
- UXGA, DVI & HDMI Input
- Intelligent Connection for Alignment & Calibration (ICAC)
- Programmable Front Pushbutton Controls, Intuitive OSD Display
- RS232 Remote Control and/or Ethernet with PMT-100
- Wall Control System
- OPTION: Wall mount



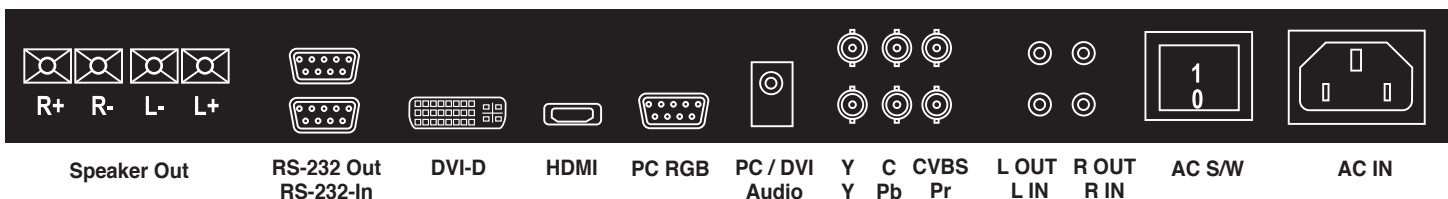
RS-232C - Serial Data and/or Ethernet

www.plurabroadcast.com

DBM Series Specifications

FUNCTION		DBM-140	DBM-146	DBM-155	DBM-170	
INPUT	1 x DVI	DVI In, 24 pin single Female				
	1 x HDMI	HDMI In (with HDCP v1.1) 19 pin Female				
	1 x D-sub	RGBHV (VGA) In, 15 pin Female				
	2 x 9P D-sub	RS-232 In / Out, 9 pin Male				
	3 x BNC	Component In (Y, Pb, Pr)				
	2 x BNC	S-Video In (Y,C)				
	1 x BNC	Composite In (CVBS)				
	2 x RCA	AUDIO In (Component, S-Video, Composite : Stereo In)				
OUTPUT	1 x Stereo Din Jack	AUDIO In (PC, DVI, Stereo In)				
OUTPUT	2 x RCA	AUDIO Out				
INPUT SIGNAL	DVI	640 x 480 up to 1920 x 1080				
	HDMI	640 x 480 up to 1920 x 1080				
	PC-RGB	640 x 480 up to 1920 x 1080, SOG sync support				
	HD-SDI	Option				
ANALOG INPUT SPEC	Composite	1.0Vp-p, C : 0.7Vp-p, Pr : 0.7Vp-p				
	S-Video	Y: 1.0Vp-p, C : 0.7Vp-p				
	Component	Y: 1.0Vp-p, Pb : 0.7Vp-p, Pr : 0.7Vp-p				
	D-sub	1.0Vp-p, (With Sync)				
AUDIO SPEC	Line Out	500m Vrms				
	Speaker Out	7W + 7W Typical				
I/O PORT	Serial Update	1 EA In / 1 EA Out, 9 Pin D-sub, Remote, Program Update				
	Ethernet RJ-45	with PMT-100				
Input Signal Format		VESA STANDARD				
		1920 1080 (60P)				
		1920 1080 (60i)				
		1920 1080 (50i)				
	DVI, VGA, HDMI,		1920 1080 (25P)			
			1920 1080 (23P)			
			1920 1080 (23P)			
LCD	Size	40"	46"	55"	70"	
	Resolution	1920 x 1080(16:9)	1920 x 1080(16:9)	1920 x 1080(16:9)	1920 x 1080(16:9)	
	Display Color	8bit - 16.7M	8bit - 16.7M	8bit - 16.7M	8bit - 16.7M	
	Viewing Angle	H/V 178 degree	H/V 178 degree	H/V 178 degree	H/V 178 degree	
	Luminance of White	500 cd (Center)	500 cd (Center)	500 cd (Center)	600 cd (Center)	
	Contrast Ratio	4000 : 1	4000 : 1	3000 : 1	2000 : 1	
	Response Time	8 msec (G to G)	8 msec (G to G)	8 msec (G to G)	10 msec (G to G)	
	Display Area	930.25 x 523.01 mm	1039 x 584.8 mm	1209.6 x 680.4 mm	1549.44 x 871.56 mm	
ATC FOR RELIABILITY		Automatic Temperature Control				
		80 x 25 mm BDLC Cooling Fan x 2 pcs				
POWER REQUIREMENT	AC 100 ~ 230V 50 Hz/60Hz	AC 100 ~ 230V 50 Hz/60Hz	AC 100 ~ 230V, 50 Hz/60Hz	AC 100 ~ 230V, 50 Hz/60Hz		
POWER CONSUMPTION	1.8 A - 0.82 A (165W)	1.8 A - 0.82 A (180W)	4.5 A - 2.0 A (420W)	3.2 A - 1.6 A (320W)		
WORKING TEMPERATURE	0°C ~ 35°C (41°F to 95°)					
WORKING HUMIDITY	20% ~ 80% RH					
STORAGE TEMPERATURE	-30°C ~ 60°C (-22°F to 140°)					
STORAGE HUMIDITY	20%RH ~ 80%RH (Non Condensed))					
WEIGHT (w/o stand & packaging)	29.2 kg / 64.37 Lbs	37.2 kg / 82.01 Lbs	45 kg / 99.2 Lbs.	100 kg / 221 Lbs		
DIMENSION (WxHxD)w/o stand	991 x 604 x 100 mm	1076 x 641 x 100 mm	1266 x 742 x 69 mm	1673 x 996.8 x 121.2 mm		
	39.01" x 23.77" x 3.937"	42.3" x 25.2" x 3.9" mm	49.8" x 29.2" x 2.7"	65.86" x 39.25" x 4.77" mm		
ACCESSORIES	AC Power Cord, Remote Controller, Battery					
OPTIONS	Wall Mounts, Desk Stand					

Please note that the technical details shown here are provisional specifications (as of Aug 2015). This information is subject to change without notice.



www.plurabroadcast.com

Phoenix • New York • Germany • Seoul • Mexico City