

eyevis LCD Series

) EYE-LCD-xx00-HB-BC

) **PRODUCT DESCRIPTION**

eyevis' new display devices from the EYE-LCD-HB-BC series are portable LCD monitors for professional use in outdoor applications. The range offers displays in two different sizes, 17" and 21",5. Both versions feature similar outstanding technical characteristics. The displays provide all necessary connectors and timings for sophisticated use in broadcast aplications.

Thanks to the specially coated screen surface and the high brightness of the panel, the brilliant image characteristics are also available in critical light conditions. Their robust protective housing and their operability in 12 Volt mode make the devices an ideal solution for preview applications at outdoor broadcast productions.



) TECHNICAL SPECIFICATION

Diagonal 17,1° (433 mm) 21,53° (547 mm) Resolution 1440 x 900 Pixel 920 x 1080 Pixel Pixel Pitch 0.255 x 0.255 nm 0.248 x 0.248 m.0 Aspect Ratio 1610 169 Brightness 1100 cd/m² (typ.) 1200 cd/m² (typ.) Contrast 800:1 (typ.) 1000:1 (typ.) Backlight 680:1 (typ.) 1000:1 (typ.) Backlight 680:1 (typ.) 1000:1 (typ.) Backlight 680:1 (typ.) 1000:1 (typ.) Inputs 100 td/m² (typ.) 1000:1 (typ.) VI (HDCP) 1 x BNC 100 td/m² (typ.) VI (HDCP) 1 x RCA Cinch 100 td/m² (typ.) Inputs 1 x RCA Cinch 100 td/m² (typ.) VI (HDSDI (HD)SDI Tx NCS (the person strest of the				
Resolution 1440 x 900 Pixel 1920 x 1080 Pixel Pixel Pixh 0.255 x 0.255 mm 0.248 x 0.248 mm Aspect Ratio 16:10 16:9 Sing thres 1000 c/m ² (typ.) 12000 c/m ² (typ.) Contrast 800:1 (typ.) 12000 c/m ² (typ.) Sacklight 60:92-EED 1 Unputs 1 1 1 V01 (HDCP) 1 x BNC 1 1 V04 (HDCP) 1 x DV1 1 1 V04 (HDCP) 1 x DV2 Sub15 (HD-15) 1 1 1 Solvideo 1 x PC3 K CA Clinch 1	Туре	EYE-LCD-1700-HB-BC	EYE-LCD-2100-HB-BC	
Pixel Pitch 0.255 x 0.255 mm 0.248 x 0.248 mm Aspect Ratio 16:0 16:9 Strightness 1100 cd/m² (typ.) 1200 cd/m² (typ.) Contrast 800:1 (typ.) 1200 cd/m² (typ.) Saklight Edge-LED 1000:1 (typ.) Inputs 1 1 VI (HDCP) 1 x BNC 1 OVI (HDCP) 1 x DV 1 VGA 1 x DV-1 1 Composite Video 1 x NC S-Vid 2 Composite Video 1 x NC S-Vid 2 Composite Video 1 x NC S-Vid 2 OUT Timings <t< th=""><td>Diagonal</td><td>17,1" (433 mm)</td><td>21,53" (547 mm)</td></t<>	Diagonal	17,1" (433 mm)	21,53" (547 mm)	
Aspect Ratio 16:0 16:9 Brightness 1100 cd/m² (typ.) 1200 cd/m² (typ.) Strikt 800:1 (typ.) 1000:1 (typ.) Backlight Edge-LED 1000:1 (typ.) Backlight Gdge-LED 1000:1 (typ.) Inputs 1x BNC 1x DN VI (HDCP) 1x DN VGA VI (HDCP) 1x V/C S-Vid 1000:1 (typ.) S-Video 1x Y/C S-Vid 1000:1 (typ.) Composite Video 1x V/C S-Vid 1000:1 (typ.) Outputs (HD)SDI 1x BNC (loop-through) 1000:1 (Sp.94 H2), 575 i (SD H2), 720p (50, 59.94, 60), 10080 (50, 59.94 H2), 575 i (SD H2), 720p (50, 59.94, 60), 10080 (Sp.94 H2), 573 i (SD H2), 720p (50, 59.94, 60), 10080 (Sp.94 H2), 573 i (SD H2), 720p (50, 59.94, 60), 10080 (Sp.94 H2), 573 i (SD H2), 720p (50, 59.94, 60), 10080 (Sp.94 H2), 573 i (SD H2), 720p (50, 59.94, 60), 10080 (Sp.94 H2), 573 i (SD H2), 720p (50, 59.94, 60), 10080 (Sp.94 H2), 573 i (SD H2), 720p (50, 59.94, 60), 10080 (Sp.94 H2), 573 i (SD H2), 720p (50, 59.94, 60), 10080 (Sp.94 H2), 573 i (SD H2), 720p (50, 59.94, 60), 10080 (Sp.94 H2), 573 i (SD H2), 720p (Sp.92, 92, 72), 1000 (Sp.92 H2), 573 i (SD H2), 720p (Sp.92, 92, 72), 1000 (Sp.92 H2), 573 i (SD H2), 720p (Sp.92, 92, 72), 1000 (Sp.92 H2), 573 i (SD H2), 720p (Sp.92, 40, 14), 1000 (Sp.94 H2), 573 i (SD H2), 720p (Sp.92, 40), 1000 (Sp.94 H2), 573 i (SD H2), 720p (Sp.92, 40), 1000 (Sp.94 H2), 573 i (SD H2), 1000 (Sp.94 H2), 573 i	Resolution	1440 x 900 Pixel	1920 x 1080 Pixel	
Brightness 1100 cd/m² (typ.) 1200 cd/m² (typ.) Contrast 800:1 (typ.) 1000:1 (typ.) Backlight Edge-LED Unputs 1 1000 cd /m² (typ.) VDV (HDCP) 1 x DV. XBNC VIGA 1 x DV.sub15 (HD-15) S-Video 1 x V/C S-Vid Composite Video Outputs 1 x ND/SD1 x BNC (hop-through) Composite Video Outputs (HD)SD1 x BNC (hop-through) Image: South and South a	Pixel Pitch	0.255 x 0.255 mm	0.248 x 0.248 mm	
Contrast 800:1 (typ.) 1000:1 (typ.) Backlight Edge-LED Inputs (HD)SDI 1 x BNC DVI (HDCP) 1 x DVI VGA 1 x DVI S-Video 1 x Y/C S-Vid Composite Video 1 x Y/C S-Vid Composite Video 1 x RCA Cinch IOutputs (HD)SDI (HD)SDI 1 x BNC (loop-through) Timings DVI Timings VGA, SVGA, XGA, SXGA, WXGA, WUXGA (HD)SDI Timings VGA, SVGA, XGA, SXGA, WUXGA, WUXGA (HD)SDI Timings VGA, SVGA, VGA, SVGA, WUXGA, WUXGA (HD)SDI Timings VGA, SVGA, VGA, SVGA, WUXGA, WU	Aspect Ratio	16:10	16:9	
Backlight Edge-LED Hipputs 1 x BNC (HD)SDI 1 x BNC DVI (HDCP) 1 x DVI VGA 1 x D-Sub15 (HD-15) SVideo 1 x NC S-Vid Composite Video 1 x RCA Cinch I Outputs (HD)SDI 1 x BNC (loop-through) I Timings (HD)SDI 1 x BNC (loop-through) Timings VGA, SVGA, XGA, XWGA, WUGA VI Timings VGA SVGA, VGA, SVGA, WUGA (JOSD) (S0, 59, 94, 60), 1080i (50, 59, 94, 60), 20, 20, 37, 30 Hz) CV& YC Timings PAL NTSC Electrical & Mechanical 29, 97, 30 Hz) Input Voltage 12 - 18V DC via XLR 4pol Housing Steel sheet with protective glass safety class IPS2 (optional IPS4) VESA 1000 munting points Dimensions ca. (WXHD) 400 x 265 x 80 mm 470 x 305 x 80 mm	Brightness	1100 cd/m ² (typ.)	1200 cd/m ² (typ.)	
Inputs 1x BNC (HD)SDI 1x BNC DVI (HDCP) 1x DVI VGA 1x D-Sub15 (HD-15) S-Video 1x YC S-Vid Composite Video 1x PCA Cinch I/Dutyts (HD)SDI 1x BNC (loop-through) ITimings (HD)SDI 1x BNC (loop-through) UT Timings VGA, SVGA, XGA, SXGA, WXGA, WUXGA VIT Timings VGA, SVGA, XGA, SXGA, WUAGA, WUXGA (HD)SDI Timings VGA, SVGA, XGA, SXGA, WUAGA, WUXGA (HD)SDI Timings VGA, SVGA, XGA, SXGA, WXGA, WUXGA (HD)SDI Timings VGA, SVGA, XGA, SXGA, WUAGA, WUXGA (HD)SDI Timings VGA, SVGA, XGA, SXGA, WUAGA, WUXGA (HD)SDI Timings VGA, SVGA, YGA, SVGA, WUXGA, WUXGA (HD)SDI Timings VGA, SVGA, YGA, SVGA, WUXGA (HD)SDI Timings VGA, SVGA, YGA, SVGA, WUXGA, WUXGA (HD)SDI Timings VGA, SVGA, YGA, SVGA, WUXGA (HD)SDI Timings VGA, SVGA, YGA, SVGA, WUXGA (HD)SDI Timings VGA, SVGA, YGA, SVGA, WUXGA (HD)SDI Timings VGA, SVGA, YGA, WUXGA (HD)SDI Timings VGA, SVGA, YGA, WUXGA (HD)SDI Timings VGA, SVGA, YGA, SVGA, WUXGA <t< th=""><td>Contrast</td><td>800:1 (typ.)</td><td>1000:1 (typ.)</td></t<>	Contrast	800:1 (typ.)	1000:1 (typ.)	
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DVI (HDCP) 1x DVI VGA 1x D-Sub15 (HD-15) VGa 1x Y/C S-Vid Composite Video 1x RCA Cinch IOutputs (HD)SDI 1x BNC (loop-through) Timings (HD)SDI 1x BNC (loop-through) DVI Timings VGA, SVGA, SXGA, WUXGA, WUXG) Inputs			
YGA 1x D-Sub15 (HD-15) S-Video 1x Y/C S-Vid Composite Video 1x RCA Cinch I Outputs (HD)SDI 1x RDC (loop-through) I Timings (HD)SDI 1x BNC (loop-through) DVI Timings VGA, SVGA, XGA, SXGA, WXGA, WUXGA DVI Timings VGA, SVGA, XGA, SXGA, WUXGA, WUXGA CVW PC 480i (59,94 H2), 575i (50 H2), 720p (50, 59,94, 60), 1080i (50, 59,94, 60 H2), 1080p (23,98, 24, 25, 29,97, 30 H2) CV & YCTimings PAL, NTSC Felectrical & Mechanical 12 – 18V DC via XLR 4pol Housing Steel sheet with protective glass safety class IP52 (optional IP54) VESA 100 mounting points Visite Case 2470 x 305 x 80 mm Weight ca. 7 kg 8.5 kg	(HD)SDI	1x BNC		
- Video 1 x V/C S-Vid Composite Video 1 x RCA Cinch I Outputs (HD)SDI 1 x BNC (loop-through) Timings VGA, SVGA, XGA, SXGA, WUXGA DVI Timings VGA, SVGA, XGA, SXGA, WUXGA DVI Timings VGA, SVGA, XGA, SXGA, WUAGA CWA SVG XGA, SXGA, WUXGA (HD)SDI Timings CVA YC Timings VGA, SVGA, VGA, SVGA, VGA, GA, SVGA, KUXGA, WUXGA CVA VC Timings VGA, SVGA, VGA, SVGA, VGA, SVGA, SVGA, SVGA, SVGA, SVGA, VGA, SVGA, SVGA, VGA, SVGA, SVGA, VGA, SVGA, VGA, SVGA, VGA, SVGA, SVGA, VGA, SVGA, SVGA, VGA, SVGA, VGA, SVGA, VGA, SVGA, SVGA, SVGA, VGA, SVGA, SVGA	DVI (HDCP)	1x DVI		
Composite Video 1x RCA Cinch Outputs (HD)SDI 1x BNC (loop-through) Timings (HD)SDI 1x BNC (loop-through) DVI Timings VGA, SVGA, XGA, SXGA, WXGA, WUXGA DVI Timings VGA, SVGA, XGA, SXGA, WXGA, WUXGA CV & YCTimings VGA, SVGA, SVGA, YGA, SVGA, WUXGA, 60), 1080i (59,94 H2), 575i (50 H2), 720p (50, 59,94, 60), 1080i (59,94 H2), 575i (50 H2), 720p (50, 59,94, 60), 1080i (59,994, 52, 29,97, 30 H2) CV & YCTimings PAL, NTSC Telectrical & Mechanical PAL, NTSC Input Voltage 12 – 18V DC via XLR 4pol Housing Steel sheet with protective glass safety class IP52 (optional IP54) VESA 100 mounting points Dimensions ca. (WxHxD) 400 x 265 x 80 mm Weight ca. 7 kg 8.5 kg	VGA	1x D-Sub15 (HD-15)		
Weight ca. (HD)SDI (HD)SDI (HD)SDI 1x BNC (loop-through) Timings VGA, SVGA, XGA, SVGA, WUXGA, WUXGA DVI Timings VGA, SVGA, SVGA, WUXGA, WUXGA, WUXGA (HD)SDI Timings 480i (59,94 H2), 575i (50 H2), 720p (50, 59,94, 60), 1080i (50, 59,94, 60 H2), 1080p (23,98, 24, 25, 29,97, 30 H2) CV & YC Timings PAL, NTSC Electrical & Mechanical PAL, NTSC Input Voltage 12 - 18V DC via XLR 4pol Housing Steel sheet with protective glass safety class IP52 (optional IP54) VESA 100 mounting points Dimensions ca. (WxHxD) 400 x 265 x 80 mm % right ca. 7 kg 8.5 kg	S-Video	1x Y/C S-Vid		
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TimingsDVI TimingsVGA, SVGA, XGA, SXGA, WXGA, WUXGA(HD)SDI Timings480i (59,94 Hz), 575i (50 Hz), 720p (50, 59,94, 60), 1080i (50, 59,94, 60 Hz), 1080p (23,98, 24, 25, 29,97, 30 Hz)CV & YC TimingsElectrical & MechanicalInput VoltageHousingSteel sheet with protective glass safety class IP52 (optional IP54) VESA 100 mounting pointsDimensions ca. (WxHxD)400 x 265 x 80 mmWeight ca.7 kg8.5 kg) Outputs			
DVI TimingsVGA, SVGA, XGA, SXGA, WXGA, WUXGA(HD)SDI Timings480i (59,94 H2), 575i (50 H2), 720p (50, 59,94, 60), 1080i (50, 59,94, 60 H2), 1080p (23,98, 24, 25, 29,97, 30 H2)CV & YC TimingsPAL, NTSCElectrical & Mechanical12 – 18V DC via XLR 4polHousingSteel sheet with protective glass safety class IP52 (optional IP54) VESA 100 mounting pointsDimensions ca. (WxHxD)400 x 265 x 80 mmWeight ca.7 kg8.5 kg	(HD)SDI	(HD)SDI 1x BNC (loop-through)		
HD)SDI Timings480i (59,94 Hz), 575i (50 Hz), 720p (50, 59,94, 60), 1080i (50, 59,94, 60 Hz), 1080p (23,98, 24, 25, 29,97, 30 Hz)CV & YC TimingsPAL, NTSCElectrical & Mechanical12 – 18V DC via XLR 4polHousingsteel sheet with protective glass safety class IP52 (optional IP54) VESA 100 mounting pointsDimensions ca. (WxHxD)400 x 265 x 80 mmWeight ca.7 kg8.5 kg) Timings			
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Electrical & Mechanical Input Voltage 12 – 18V DC via XLR 4pol Housing steel sheet with protective glass safety class IP52 (optional IP54) VESA 100 mounting points Dimensions ca. (WxHxD) 400 x 265 x 80 mm Weight ca. 7 kg 8.5 kg	(HD)SDI Timings	1080i (50, 59,94, 60 Hz), 1080p (23,98, 24, 25,		
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Housingsteel sheet with protective glass safety class IP52 (optional IP54) VESA 100 mounting pointsDimensions ca. (WxHxD)400 x 265 x 80 mmWeight ca.7 kg8.5 kg) Electrical & Mechanical			
safety class IP52 (optional IP54) VESA 100 mounting points Dimensions ca. (WxHxD) 400 x 265 x 80 mm 470 x 305 x 80 mm Weight ca. 7 kg 8.5 kg	Input Voltage	12 – 18V DC via XLR 4pol		
Weight ca. 7 kg 8.5 kg	Housing	safety class IF	safety class IP52 (optional IP54)	
	Dimensions ca. (WxHxD)	400 x 265 x 80 mm	470 x 305 x 80 mm	
Power Consumption (@12V) 3A 4A	Weight ca.	7 kg	8.5 kg	
	Power Consumption (@12V)	3A	4A	

eyevis GmbH



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