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BCM-550
BCM-550L

BCM-550 Broadcast LCD Monitor

24 x 7 Reliability
Precise Color Reproduction
Standard 3G/HD/SD-SDI Port

As with our BCM Series product, the BCM-550 / BCM-550L is designed in strict accordance with broadcast standards required for Gamma and color reproduction. The color accuracy of BCM-550 / BCM-550L is far better than the common commercial monitor which often uses commercial TV set LCD panels. The BCM-550 / BCM-550L includes a 3G-SDI port to avoid the transmission unstability and poor image quality which may occur on HDMI / DVI port. It is specifically designed for broadcast and digital film production.
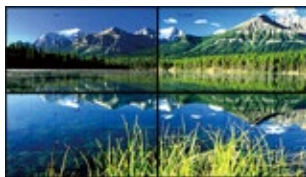
Highlights

Accurate Uniformity Calibration

BCM-550 / BCM-550L provides accurate Gamma and color reproduction. Each unit undergoes a rigorous calibration process in our factory. Gamma is precisely measured and corrected to minimize color errors common in multi-screen applications.
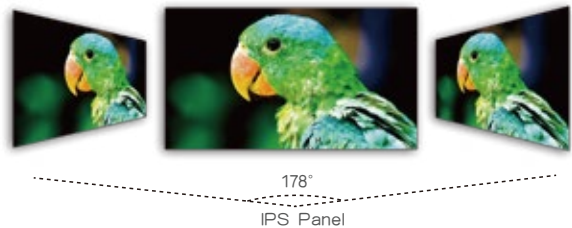
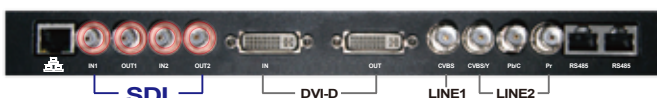Professional Broadcast Monitor   Commercial Monitor

Wide Viewing Angle

The industrial grade In Plane Switching (IPS) of the LCD delivers 178° wide viewing angle, essential for close quarter applications. Regardless of the viewer' s position, the BCM-550 shows clear and precise image from every angle.

178°
IPS Panel

Multiple Format Signal Inputs

In order to meet rigorous broadcast monitoring requirements, BCM-550 / BCM-550L supports multiple format signal inputs including Standard 3G SDI and DVI-D.

IN1 OUT1 IN2 OUT2   IN   OUT   CVBS CVBS/Y Pb/C Pr   RS485 RS485
SDI   **DVI-D**   **LINE1**   **LINE2**

Standard SDI interface

Durability

Durable 24 x 7 operation with technology to match the challenge. Durability is further increased with uniform LED backlighting, a technology proven for reliability and long continuous operating life.
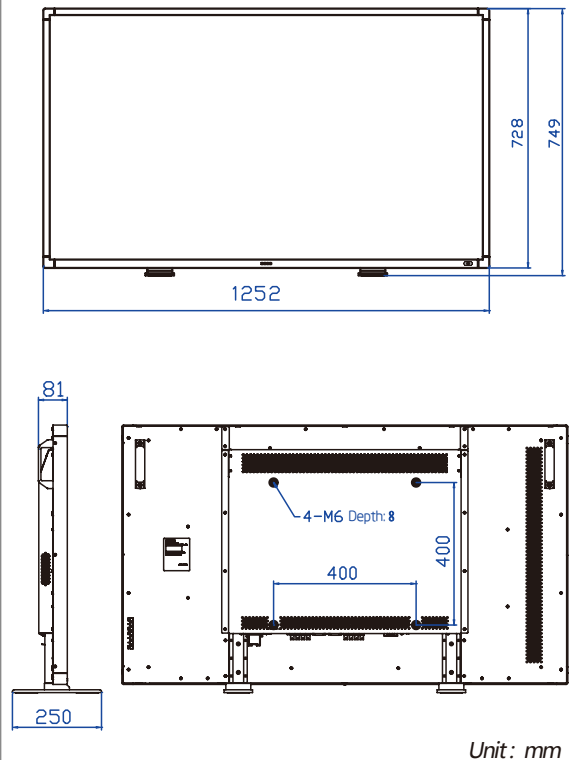
24 x 7 Reliability

BCM-550 / BCM-550L Broadcast LCD Monitor

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Applications

Studio

OB Van

Broadcast Control Room

Specifications

Panel	Model
	BCM-550 / BCM-550L
Size	55″
Resolution	1920×1080
Color Depth	16.7M / 1.07B
Viewing Angle (H×V)	178°×178°
Brightness (cd/m²)	450 / 700
Contrast	1400:1
Input Terminals	
Video (Composite)	BNC(×1), 1Vp-p +/-3dB sync negative
3G/HD/SD-SDI	BNC(×2), 800mVp-p +/-10%
DVI-D	DVI-D(×1)
YPbPr	BNC (×3), can be configured as composite or Y/C
Audio	2ch analog stereo, 5dBu, Impedance≥47K, RCA (×2)
Output Terminals	
3G/HD/SD-SDI	BNC (×2), 800mVp-p +/-10%, active loop through
DVI-D	DVI-D(×1)
Audio Monitor	1ch analog stereo, 5dBu, Impedance≤500Ω, RCA (×1)
Earphone	stereo mini jack (×1)
Speaker	8Ω 8W×2
External Control	
GPI	6 GPI Input, RJ45 (×1)
RS485	RS485, can be cascaded, RJ45 (×2)
Ethernet	10/100M adaptive, RJ45 (×1)
General	
Power Supply	100-240V 50/60Hz
Power Consumption	150W/175W
Operating Temperature	0˚C to 35˚C (32°F to 95°F)
	Recommend: 20°C to 30°C (68°F to 86°F)
Operating Humidity	20% to 80% (No Condensation)

Dimensions

728
749
1252
81
4-M6 Depth: 8
400
400
250

Unit : mm

*Specifications are subject to change without notice.