

NLBM123X / NLBM123X-AU 12" Monochrome, Hi-Res. Monitor



Product Features

- 12" Monochrome (B/W) Monitor.
- More than 1000 TV lines resolution.
- Convenient front panel control.
- With carrying handle at top.
- Compatible with CCTV type cameras.
- With compatible 96 ~ 256 VAC power Input.
- With optional audio feature (NLBM093X-AU).
- 75 high-impedance termination switch on rear.



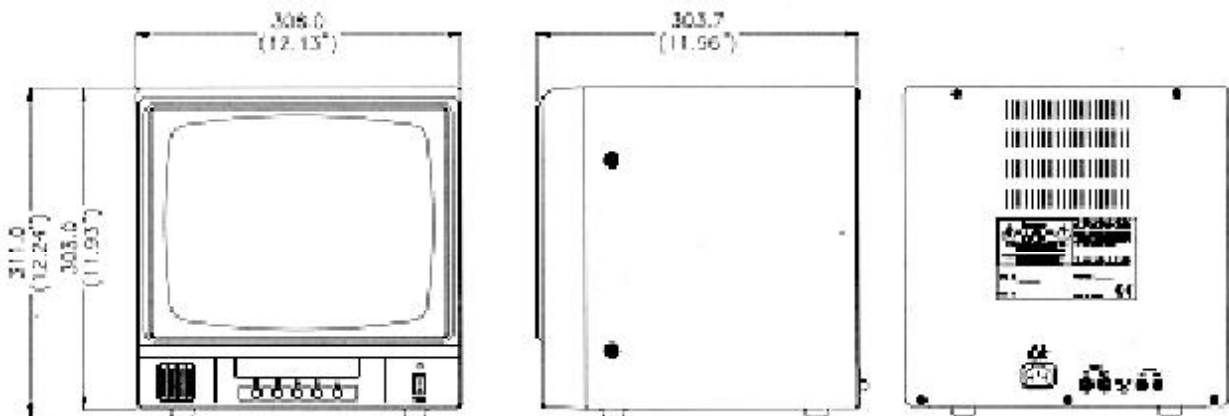
The **NLBM123X series** high resolution monochrome video monitors are designed for using with CCTV type cameras and can be used in desktop applications.

The cabinet is made of steel for ruggedness and durability, and with the exception of the picture tube, the circuitry is all solid-state. The **NLBM123X series** are also feature video loop-through connectors with switchable high-Z / 75-ohm termination.

Controls for Brightness, Contrast, Horizontal Hold, Vertical Hold and AC power On / Off are located in the front of the monitor.

The **NLBM123X series** monitors provide the optimum solution for a variety of CCTV surveillance applications where clear, high quality pictures and proven system reliability are required.

Model	Description
NLBM123X	12" Monochrome Hi Resolution Monitor
NLBM123X-AU	12" Monochrome Hi Resolution Monitor With Audio



External dimensions (Unit: mm – Values in parenthesis are inches -)

NLBM123X / NLBM123X-AU
12" Monochrome, Hi-Res. Monitor



Specifications

MODEL	NLBM123X	NLBM123X-AU
	12" B/W Monitor	12" B/W Monitor with Audio
Construction	Steel cabinet with plastic front panel	
Finish	Grey soft coat finish (black is optional)	
Dimensions (W x H x D)	308 x 311 x 303.7 mm	
Picture Tube Dimension (Measured diagonally)	12"(31 cm)	
Weight (per unit)	N.W./G.W.: 9 kg / 10.5 kg	
Front Control	Power ON/OFF: push button switch H-HOLD / V-HOLD / CONTRAST / BRIGHT: rotary control	
With Audio Monitor		VOLUME: rotary control
Input Voltage	96 ~ 256 Vac, 50 Hz	
Power Consumption	30 W (Max.)	
Input Signal	0.5 to 2.0 V p-p, composite video, negative synchronization	
Input Impedance	75 ohms or high (switchable)	
Bandwidth	100 Hz to 10 MHz	
Video Gain	30 dB	
Resolution: Center / Corner	1,000 lines / 800 lines	
Linearity: Horizontal / Vertical	15 % maximum / < 10%	
Overscan	< 10%	
Operation System (CCIR)		
Horizontal	15,625 Hz \pm 400 Hz	
Vertical	50 Hz	
Connections		
Video (In / Out)	BNC x 2	BNC x 2
Audio (Input / Output)		RCA jack x 2
With Audio Monitor		
Audio Input Signal		10 ~ 150mVp-p 50k Ω
Audio Input Impedance		1 W / 8 Ω
Audio Power Amplifier		
Speaker		Included
Operation Temperature	-10 to 50°C (14 to 122°F)	
Storage Temperature	-20 to 70°C (-4 to 158°F)	

Weights and dimensions are approximate
Design and specifications subject to change without notice
National Electronics is a brandname of Richardson Electronics, Ltd



Gamma Commerciale S.r.l.
Via Pertini 16 - 20080 Carpiano (MI)
Tel. 02.9815404 r.a. - Fax 02.98859008
info@gammacommerciale.it - www.gammacommerciale.it