



55" x 1/2 Super-Bright Outdoor LCD Monitor

Model LX-H55 Specifications



Description

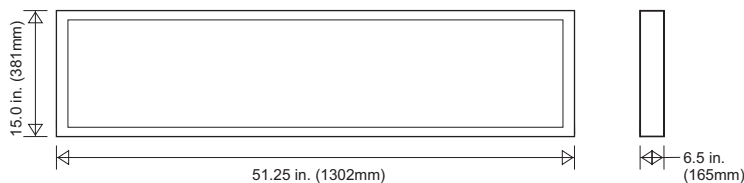
The LX-H55 is a super-bright, industrial outdoor LCD monitor intended for use in unsupervised, public environments. It is protected within a secure IP54 enclosure and covered by tempered, anti-reflective glass with hydrophobic coating. Ideal for use in transit information display applications for areas of low ceiling height, it is meant to replace older LED-based dot matrix displays.

Key performance specifications

- Full-HD resolution
- Low power operation (<250 watts)
- Minimum 50,000 hour life rating
- Rated for 24/7 commercial use
- Vibration tested to IEC 61373: 2010 Category 1, Class A

Key Features

- Secure, IP54 rated enclosure with tempered anti-reflective glass.
- Condensation/maintenance free environmental system.
- RS-232 control and monitoring port (Ethernet optional).
- Comprehensive 3/5 year warranty.
- Also available as dual-sided model.



Connectivity

- HDMI (x1)
- DVI (x1)
- Displayport (optional)
- Analog RGB (x1)
- Composite/S-video (x2) (optional)
- Base-T (optional)
- Ethernet H.264 (optional)
- RS-232 Control port (Ethernet optional)
- Audio (optional)

Display specifications

- Resolution: 1920 x 540 (x3) pixels
- Luminance: 2000 cd/m2 (nits)
- Contrast Ratio: 1300:1
- Viewing angle: R/L 178 min, U/D 178 min.
- Response time: 8 ms. (typical)

Electrical specifications

- Supply Voltage: 120 VAC
- Power Consumption: 200 watts

Environmental specifications

- Operating temperature: -20 to +50c
- Humidity: 5-95% non-condensing

Mechanical specifications

- Dimensions: 51.25x15x6.5(d) in. (1302x381x165mm)
- Weight: 48 Lbs. (26kg)
- Enclosure rating: Type 3, IP54 (IP65 from front)



See reverse for complete specifications...

LX-H55 SPECIFICATIONS

DISPLAY	Specification	USER SETTINGS
Diagonal size	49.5 inches (1257mm)	-Power ON/OFF
Aspect ratio	16:4.5	-Auto power off/soft power off, enable/disable
Resolution	1920 x540	-Input Select, auto source select, lock
Viewing Angle	178H / 178V	-Scaling Mode (1-1- pixel mode, fill screen, preset aspect ratios)
Contrast ratio	1300:1	-Auto-wide screen enable/disable
Color depth	1.07 billion colors (10 bit)	-Brightness
Response time	10 ms (typ.)	-Backlight level
Luminance	2000 cd/m2 (nits)	-Dimming control
Backlight type	Solid-state, 60,000 Hr. rated life (w/dimming)	-Color
Orientation	Landscape or portrait	-Hue (tint)
Brightness Control	Ambient light sensor	-Saturation
ELECTRICAL RATINGS		-Phase
Supply voltage/Frequency	120V AC / 60 Hz	-Image position, orientation (flip image)
Power consumption	200 Watts	-Gamma control
Approvals	CSA	-Contrast
CONNECTIVITY		-Sharpness
Analog inputs	RGB Composite BNC (x2) (optional) S-Video (x2) (optional) Component Y, Pb, Pr, RCA (optional)	-Zoom
Digital inputs	DVI-I/D (x1) HDMI (x1) w/audio Displayport (optional) Base-T (optional) Ethernet H.264 (optional)	-Programmable hot-keys (x2)
Control ports	Serial RS-232, Ethernet (optional)	-Auto-calibration
SUPPORTED INPUT MODES		-Factory reset
Analog PC	H Frequency Range: 31-67.5 kHz V Frequency Range: 60-75 Hz Maximum resolution: 1920x1080 60Hz	EMISSIONS / FCC STATEMENT
Digital PC HDMI	640 x480 thru 1920 x 1200, 60-75 Hz	This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.
Composite (DTV/DVD)	1080p, 1080i, 720P	Properly shielded and grounded cables and connectors must be used in order to meet FCC emission limits. Luxtronix is not responsible for any radio or television interference caused by using other than recommended cables and connectors or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.
ENVIRONMENTAL		This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Operating temperature range	-20 to +50 C	LIMITED WARRANTY
Storage temperature range	-30 to +60 C	The manufacturer warrants that the product shall be free from defects in materials or workmanship for a period of three (3) years from the date of delivery. The manufacturer agrees to repair any such defects free of charge to the customer or it's agent(s) upon return of the defective product within the warranty period if, after inspection by the manufacturer, proves defective under the terms of this warranty. In which case, the manufacturer, at it's option, shall repair or replace said defective product and return it to the customer or it's agent(s) at no cost, including parts, labour and return freight but not installation.
Operating humidity range	5 to 95% (non-condensing)	This warranty does not extend to: products that have been improperly shipped, installed or connected; product that has been subject to abuse, misuse, neglect, physical damage, massive electrical surges, accident or unauthorized repair.
Ingress rating	IP54 (IP65 from front)	This warranty is based on commercial use of the product. The product is rated for 24/7, 365 days a year continuous operation.
Thermostatic Control	Four Season, Automatic autonomous control	EXTENDED WARRANTY OPTION
MECHANICAL		An extended warranty is available for this equipment, up to two (2) years of additional coverage, to a maximum of five (5) years total warranty coverage.
Outline dimensions	51.25x15x6.5(d) in. (1302x381x165mm)	<i>NOTICE: The information provided in this document has been checked and is believed to be reliable, however Luxtronix takes no responsibility for damages, loss or failure due to the application of this information. All specifications are subject to change or correction without notice.</i>
Weight	48 Lbs. (26kg)	
Mounting provision	VESA 400mm x 200mm on rear panel	
Cable entry	Sealed cable gland on rear panel	
Protective glass	Tempered glass, anti-reflective, 1K10 rated	
USER CONTROLS		
Interfaces	Concealed keypad, hand-held remote control	
On-Screen Menu Customization	Menu location, orientation, transparency	
Remote Control Lock-Out	Optical sensor cover, locking (optional)	

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