Preliminary Datasheet

LCD 65" Professional Large Format Display

Sharp PN-HE651

Benefits

Simply more life-like – the displays come with a wide colour gamut showing every colour with much greater accuracy.

Operation around the clock – 24/7 with 600 cd/m^2 brightness.

Real impact – with built-in speakers, support for USB playback and range of connectivity, it is easy to create digital signage.

Control made simple – using an integrated LAN/RS-232C interface all your displays can easily be controlled and monitored from a single PC.

All the flexibility you need – the display can be wall mounted in either landscape or portrait mode as well as face-down on a ceiling or face-up on a table or floor.

Specifications

Product Information

Product Name
Sharp PN-HE651

Product Group
LCD 65" Professional Large Format Display

Display

Panel Technology
TFT with Direct LED backlights

Active Screen Area (W x H) [mm]
1,428.48 x 803.52

Screen Size [inch/cm]
65 / 163.9

Aspect Ratio
16:9

Pixel Pitch [mm]
0.372 x 0.372

Brightness [cd/m²]
600

Contrast Ratio (typ.)
1200:1

Viewing Angle [°]
178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

Colour Depth [bn]
1.073 (10bit)

Response Time (typ.) [ms]
8

Panel Refresh Rate [Hz]
60

Haze Level [%]
Standard (1)

Supported Orientation
Landscape; Portrait

Resolution

Native Resolution
3840 x 2160

Supported Resolutions

1024 x 768;	1400 x 1050;	4096 x 2160;
1280 x 1024;	1440 x 900;	640 x 480;
1280 x 720;	1600 x 1200;	800 x 600;
1280 x 800;	1680 x 1050;	848 x 480
1280 x 960;	1920 x 1080;	
1366 x 768;	3840 x 2160;	

Connectivity

Input Video Analogue
1 x VGA

Input Video Digital
3 x HDMI (with HDCP)

Input Audio Analogue
1 x 3,5 mm jack

Input Audio Digital
3 x HDMI

Input Control
LAN 100Mbit; RS232

Input Data
1 x USB Medaplayer

Electrical

Power Consumption [W]
190 (max.)

Power Savings Mode [W]
< 0.5; < 2 (Networked Standby)

Power Management
VESA DPMS

Power Supply
100-240 V AC; 50/60 Hz; internal

Environmental Conditions

Operating Temperature [°C]
+0 to +40

Operating Humidity [%]
20 to 80

Storage Humidity [%]
10 to 90

Storage Temperature [°C]
-20 to 60

Mechanical

Dimensions (W x H x D) [mm]
1,476.7 x 851.7 x 78.3

Weight [kg]
28

Bezel Width [mm]
23.1 (bottom); 23.1 (left/right); 23.1 (top)

VESA Mounting [mm]
4 holes; 600 x 400 (FDMI); M8

Packaging Dimensions (W x H x D) [mm]
1,660 x 1,010 x 220

Packaging Weight [kg]
37

Regulatory

Safety and Ergonomics
CE; RoHS

Green Features

Energy Efficiency
Energy Consumption: 165 kWh/1000 h; Energy Efficiency Class: G; LED Backlight

Additional Features

Special Characteristics
ASCII Control Commands; CEC Support; Removable Logo; Scheduler; USB Media Player

Colour Versions
Black Front Bezel, Black Back Cabinet

Audio
Integrated Speakers (2 x 10 W)

Shipping Content
2x AAA batteries; Display; Logo Sticker; Power Cable; Remote Control; Setup Manual

Warranty
3 years warranty incl. backlight; on-site service; optional 4. + 5. year warranty extension [1]

Operating Hours
24/7

External Control
ASCII Control Commands; HDMI CEC; Scheduled Timer

[1] please refer to terms and conditions of warranty extensions

RoHS

CE

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