Sharp 8M-B32C1

LCD 32” 8K Professional Display

Datasheet





See everything with absolute clarity.

Deliver exceptional colour grading with 8K clarity and brightness in a 32” HDR Colour Management Monitor.

The 8M-B32C1 32 inch 8K IGZO LCD monitor adds a whole new category to Sharp/NEC’s range of 8K professional displays as it is the only 8K 32 inch HDR Colour Management monitor with 1000 cd/m² peak brightness. This highly innovative display gives you absolute confidence that you are always seeing the true picture. So it is the perfect choice for professional applications and content creators in photography, broadcasting, post production, imaging, medical education, CAD studio, defence, gaming production environments and more that demand supreme colour accuracy and image quality.

Benefits

Clear like no other – positioned at the leading edge of professional colour management display performance.

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

Exceptional colour uniformity – Sharp`s advanced Uniform Colour Calibration Technology (UCCT) and separate Look-Up-Tables (LUT) ensure a consistent level of clarity.

Creative perfection and image accuracy – advanced colour and image management settings included.

Superior realism and clarity – the full array backlight system analyses the source content of images and adapts areas to be brighter or darker.

Product Information

Product Name	Sharp 8M-B32C1
Product Group	LCD 32" 8K Professional Display
Order Code	60005550

Display

Panel Technology	IGZO with Direct LED backlights
Active Screen Area (W x H) [mm]	697.7 x 392.4
Screen Size [inch/cm]	32 / 80
Aspect Ratio	16:9
Local Dimming	512 zone
Pixel Pitch [mm]	0.091
Brightness [cd/m²]	1000 Peak Brighntess (HDR); 800
Contrast Ratio (typ.)	Dynamic: 1000000:1
Viewing Angle [°]	176 horizontal / 176 vertical (typ. at contrast ratio 10:1)
Colour Depth [bn]	1.073 (10bit)
Colour Gamut	Adobe RGB 100 %; BT2020 85 %; DCI-P3 96 %; sRGB 100 %
HDR	HLG; PQ
Response Time (typ.) [ms]	9
Panel Refresh Rate [Hz]	60
Haze Level [%]	Standard (3)
Supported Orientation	Landscape; Portrait

Resolution

Native Resolution	7680 x 4320			
Supported Resolutions	1024 x 768; 1152 x 864; 1280 x 1024; 1280 x 720; 1280 x 800;	1280 x 960; 1360 x 768; 1400 x 1050; 1440 x 900; 1600 x 1200;	1680 x 1050; 1920 x 1080; 3840 x 2160; 4096 x 2160; 640 x 480;	7680 x 4320; 800 x 600

Connectivity

Input Video Digital	1 x DisplayPort (with HDCP); HDMI Input 1 / HDMI2.1, 8K60Hz, YCbCr 4:2:0, HDCP2.2; HDMI Input 2 / HDMI2.0, 4x 4K60Hz (8K), YCbCr 4:4:2 / 4:4:4, HDCP2.2; HDMI Input 3 / HDMI2.0, 4K60Hz, HDCP2.2
Input Audio Digital	3 x HDMI; DisplayPort
Input Control	LAN 100Mbit; RS232
Input Data	1 x USB A (3.0); 1 x USB B (calibration)
Output Audio Analogue	1 x 3,5 mm jack

Calibration

Factory Calibration	RGB; Sharp Advanced UCCT (Uniform Colour Calibration Technology); Uniformity; White Point
Sensor Calibration (through USB)	External: X-Rite; Model: i1Pro
Calibration Software	Sharp Display Calibration Utility (PC-Software)

Electrical

Power Consumption Eco/max. [W]	260 (max.)
Power Savings Mode [W]	< 0.5; < 2 (Networked Standby)

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

Environmental Conditions

Operating Temperature [°C]	+5 to +35
Operating Humidity [%]	20 to 80
Storage Humidity [%]	20 to 80
Storage Temperature [°C]	-20 to 60

Mechanical

Dimensions (W x H x D) [mm]	Without stand: 751 x 468.6 x 99
Weight [kg]	Without stand: 13.3
Bezel Width [mm]	26 (left and right); 26 (top); 49 (bottom)
VESA Mounting [mm]	200 x 200 (FDMI); 4 holes; M6
Packaging Dimensions (W x H x D) [mm]	861 x 636 x 375
Packaging Weight [kg]	23

Available Options

Accessories	Table Stand

Green Features

Energy Efficiency	Energy consumption: 1300 kWh/1000 h; Energy efficiency class: G; LED backlight

Additional Features

Special Characteristics	ASCII Control Commands
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	CE; RoHS
Shipping Content	CD-ROM (User Guides/Manuals); Display; Power Cable; Setup Manual
Warranty	3 years warranty incl. backlight; on-site service
Operating Hours	16/7
External Control	ASCII Control Commands

RoHS

CE

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