

ePaper Displays

C131 | C251



www.sharpnecdisplays.eu

A new era in energy efficient signage

A groundbreaking advance in energy-efficient signage technology, the ePaper Display consumes a remarkable zero watts when displaying content. Taking only minimal power draw when content changes, innovation in ePaper signage is making a significant step forward toward the carbon-neutral era.

Digital alternative to paper posters

Delivering unimpaired readability even in the brightest environments, ePaper Displays present static digital images with a paperlike quality. With full colour capability enhanced by ACeP colour performance, excellent contrast, wide viewing angles, and fine resolution, content is perceived as a paper poster, appearing brighter in high ambient light conditions. With no reflections, nor blue light, the ergonomic content presentation is easy on the eyes for unrivalled viewer comfort.





Static content that's always on display

Where static content needs updating on a regular basis, ePaper provides a cost-effective solution for 24/7 display. Ideal for POS promotions, menu boards and allergen information in retail and hospitality settings, to timetables, wayfinding, check-in and gate information in transportation environments, ePaper is offering a low-cost sustainable signage solution.

Unlimited installation flexibility

Landscape, portrait, face up or face down. Super slim and ultra-light weight, the ePaper Display can be hung like a picture frame, placed on a table stand or installed on a mount using the standard VESA points on the back. No need for a local power source, the ePaper Display offers incredible flexibility and can be positioned and repositioned almost anywhere. Versatile ePaper demands little in the way of installation and even less during operation.







Signage for the carbon neutral era

Consuming a remarkable zero watts when presenting content, ePaper technology represents a new era of signage, making a substantial step toward carbon neutrality. A power source is needed only when content changes or new content is uploaded to the device, drawing only minimal energy via USB Type-C connectivity or an external battery. The frame is manufactured using recycled plastic material. Sharp/NEC's innovation in ePaper technology is making a significant contribution to reducing energy consumption, minimising waste, and mitigating negative impacts on ecosystems.

Effortless content management

The ePaper Display features an integrated low power System on a Chip (SoC) for a seamlessly intelligent and future-proof operation. It effortlessly delivers



content through selected Content Management System (CMS) partners over WiFi or offers a userfriendly experience with the simplest content management options via PC, USB or Bluetooth.



Since launch, the ePaper Display has already achieved the following awards:



iF Design Award 2024

The iF DESIGN AWARD emphasizes design's global impact. To be awarded the iF DESIGN AWARD means passing a rigorous twostage selection by renowned design experts. With an increasing number of participants every year, only the highest-quality will be selected.



Rave Pubs - Best New Indoor Digital Signage Display

A groundbreaking advance in energy-efficient signage technology, the ePaper Display consumes a remarkable zero watts when presenting content. Taking only minimal power draw when content changes, innovation in ePaper signage is making a significant step forward toward the carbon-neutral area.

Specifications

		EP-C251	EP-C131
PRODUCT INFORMATION	Product Name	Sharp EP-C251	Sharp EP-C131
	Product Group	25.3" ePaper	13.3" ePaper
	Order Code	60006041	60006040
DISPLAY	Panel Technology	ePaper	ePaper
	Screen Size [inch/cm]	25.3 / 46.3	13.3 / 33.8
	Aspect Ratio	16:9	4:3
	Supported Orientation	Face Down; Face Up 1; Landscape; Portrait	Face Down; Face Up 1; Landscape; Portrait
ESOLUTION	Native Resolution	3200 × 1800	1600 x 1200
ONNECTIVITY	Input Data	1 x USB C (Data, USB Memory); 1 x USB C (Power)	1 x USB C (Data, USB Memory); 1 x USB C (Power)
LECTRICAL	Power Supply	USB-C (30 W)	USB-C (15 W)
ENVIRONMENTAL CONDITIONS	Operating Temperature [°C]	+0 to +35 (AC adapter); +0 to +40; +15 to +35 (Image Change)	+0 to +35 (AC adapter); +0 to +40; +15 to +35 (Image Change)
	Operating Humidity [%]	20 to 80	20 to 80
	Storage Humidity [%]	10 to 90	10 to 90
	Storage Temperature [°C]	-20 to 60	-20 to 60
MECHANICAL	Dimensions (W x H x D) [mm]	596 x 352 x 31	306.4 x 229.9 x 20.9
	Weight [kg]	1.9	0.7
	VESA Mounting [mm]	200 x 200 (FDMI); 4 holes; M4	200 x 200 (FDMI); 4 holes; M4
	Packaging Dimensions (W x Hx D) [mm]	685 x 420 x 124	365 x 299 x 124
	Packaging Weight [kg]	4	2
EDIAPLAYER	Supported Image Formats	*jpeg, *jpg, *bmp, *png	*jpeg, *jpg, *bmp, *png
LUETOOTH	Bluetooth	5.0 compliant	5.0 compliant
/IRELESS LAN	WLAN	IEEE802.11ac/n/a/g/b compliant	IEEE802.11ac/n/a/g/b compliant
GREEN FEATURES	Energy Efficiency	Zero power consumption for static images	Zero power consumption for static images
	Ecological Materials	Recycled plastic material	Recycled plastic material
ADDITIONAL FEATURES	Special Characteristics	External Battery Compartment	External Battery Compartment
	Shipping Content	AC Power Adapter; Cable Clamps; Display; Hanging Brackets and Screws; Paper Stand; Power Cable	AC Power Adapter; Cable Clamps; Display; Hanging Brackets and Screws; Paper Stand; Power Cable
	Warranty	3 years	3 years

¹ adjusted usage conditions for face up/down installations, please refer to operational guidelines or contact our support

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