

Sharp EP-CA22



Sharp ePaper Displays – groundbreaking advance in energy-efficient signage technology

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 era.

A digital alternative to paper posters, full colour ePaper presents static content that's always on display, but might need regular updating, such as POS promotions, menu boards and allergen information in retail and hospitality locations, or timetables, check-in, and gate information in transportation settings. Visible in bright environments, with a paper-like appearance that's easy on the eyes with no reflections nor blue light, ePaper is signposting for sustainability and viewer comfort.

An integrated SoC secures smart and future proof operation, driving content via selected CMS partners, or enjoy the simplest content management using USB, Wifi or Bluetooth.

The ultra-light weight ePaper display can be hung like a picture frame or free standing in any orientation. Capable of being powered by battery with no need for a power cable, it demands little in the way of installation and even less during operation.

Benefits

Zero power consumption – playback of static digital images with zero power consumption, electric power is only needed when changing content.

Unimpaired readability – even under brightest ambient conditions, low reflective, paper-like presentation of static images.

Great visual performance – Spectra6 colour performance, great contrast, wide viewing angles and fine resolution for ergonomic presentation of content.

Easy content management – simple and convenient configuration and content distribution via PC, USB, Wifi or Bluetooth.

Quick and flexible installation – provisioning of power cable is not mandatory, landscape, portrait, face up and face down operation supported.

Specifications

Product Information		Display	
Product Name	Sharp EP-CA22	Panel Technology	ePaper
Model	EP-CA22	Active Screen Area (W x H) [mm]	592 x 418
Product Group	A2" ePaper	Screen Size [DIN/inch]	A2 / 28.5
Order Code	EPCA22	Aspect Ratio	DIN A
Resolution		Supported Orientation	Face Up ¹ ; Landscape; Portrait
Native Resolution	2160 x 3060	Connectivity	
Electrical		Input Data	2 x USB C (Power, Data, USB Memory)
Power Supply	USB-C (16 W)	Environmental Conditions	
Mechanical		Operating Temperature [°C]	+0 to +50; +0 to +50 (AC adapter); +0 to +50 (Image Change)
Dimensions (W x H x D) [mm]	617.8 x 438 x 14.7	Operating Humidity [%]	20 to 80
Weight [kg]	2.3	Storage Humidity [%]	10 to 90
VESA Mounting [mm]	200 x 200 (FDMI); 4 holes; M4	Storage Temperature [°C]	-20 to 60
Packaging Dimensions (W x H x D) [mm]	735 x 555 x 138	MediaPlayer	
Packaging Weight [kg]	4.5	Supported Image Formats	*jpeg, *jpg, *bmp, *png
Bluetooth		Wireless LAN	
Bluetooth	5.0 compliant	WLAN	IEEE802.11 ac/n/a/g/b compliant
Security		Green Features	
Security	IEEE802.1X (WiFi)	Energy Efficiency	Zero Power Consumption for Static Images
Additional Features		Ecological Materials	Recycled plastic material
Shipping Content	AC Power Adapter; Cable Clamps; Display; Hanging Brackets and Screws; Power Cable		
Warranty	3 years		

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