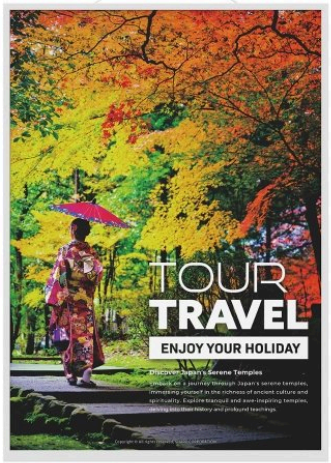
A2" ePaper

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.

SHARP

Specifications

Product Information

Product Name
Sharp EP-CA22

Model
EP-CA22

Product Group
A2" ePaper

Order Code
EPCA22

Display

Panel Technology
ePaper

Active Screen Area (W x H) [mm]
592 x 418

Screen Size [DIN/inch]
A2 / 28.5

Aspect Ratio
DIN A

Supported Orientation
Face Up [1]; Landscape; Portrait

Resolution

Native Resolution
2160 x 3060

Connectivity

Input Data
2 x USB C (Power, Data, USB Memory)

Electrical

Power Supply
USB-C (16 W)

Environmental Conditions

Operating Temperature [°C]
+0 to +50; +0 to +50 (AC adapter); +0 to +50 (Image Change)

Operating Humidity [%]
20 to 80

Storage Humidity [%]
10 to 90

Storage Temperature [°C]
-20 to 60

Mechanical

Dimensions (W x H x D) [mm]
617.8 x 438 x 14.7

Weight [kg]
2.3

VESA Mounting [mm]
200 x 200 (FDMI); 4 holes; M4

Packaging Dimensions (W x H x D) [mm]
735 x 555 x 138

Packaging Weight [kg]
4.5

MediaPlayer

Supported Image Formats
*jpeg, *jpg, *bmp, *png

Bluetooth

Bluetooth
5.0 compliant

Wireless LAN

WLAN
IEEE802.11 ac/n/a/g/b compliant

Green Features

Energy Efficiency
Zero Power Consumption for Static Images

Ecological Materials
Recycled plastic material

Additional Features

Shipping Content
AC Power Adapter; Cable Clamps; Display; Hanging Brackets and Screws; Power Cable

Warranty
3 years

Security	
IEEE802.1X (WiFi)	

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

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