PERVAS VEDISPLAYS



EG020AS012 / EG020AS014 2" e-Paper Panel

This e-Paper panel is the most power efficient, easy to read, industrial purposed reflective e-Paper display on the market. By combing the high resolution of a TFT backplane and the dependability/maturity of E Ink technology, this display offers its user the freedom to display any image with excellent definition and contrast. The small and thin form factor makes it easy to design it into a variety of applications.

Key Features

Ultra Low Power

Driven by Coin battey/ Solar power

Easy to Read

Sunlight readable Wide viewing angle

High Resolution

111 dots per inch1D/2D barcode support

Thin & Light

Easy to design-in

Green

Paper and sticker replacement

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2" e-Paper Panel

Outline (mm)	57 x 28.8 x 1.1
Resolution	200 x 96
Contrast Ratio	7:1 / 10:1
Interface	SPI
Operation Temperature	0~50°C
Storage Temperature	-20~60°C
Grayscale Level	1 bit
Refresh Time (room temp.)	1.5 sec
Pixel Pitch(mm)	0.229 x 0.229 (111dpi)
Pin Number	40 pins
Input Voltage	3.0V

FPC

0.5mm pitch with stiffener

