



LEADING THE INDUSTRY SINCE 1979

10080 Bubb Road, Cupertino, CA 95014  
(408) 252-1100

[info@hantronix.com](mailto:info@hantronix.com)

[www.hantronix.com](http://www.hantronix.com)

## Enhanced E Ink Electronic Paper Displays

Hantronix is pleased to announce the expansion of new E Ink products to our industry leading display lineup.

E Ink is the leading global provider of ePaper display (EPD) technology, which appears like printed paper but provides the advantages of electronic display. The technology incorporates particles within microcapsules or microcups that are coated onto a thin film layer and act as a form of ink, previously available in black and white, and now in color.

### E Ink Advantages

- Paper-like readability
- Indefinitely maintain image without power
- Sunlight and non-uniform light visibility
- High reflectivity, high contrast
- Wide viewing angle ^180 degrees
- Flexible structure
- Ultra low power consumption (no backlight needed)
- Shatterproof



No Standby Power



Sunlight Readable



Always On



Wide View Angle



Lightweight



Flexible



Shatterproof

## Applications

- Wearable
- Smart home / Smart card
- Electronic shelf labels and signage
- Transportation
- Thermostats



## E shelf Labels



## Transportation



## E Ink Design

- E Ink Segment Products - ITO / FPC / PCB / PI Structure, up to 4" diagonal  
Max 264 segment by two driver cascade, color E Ink film applied
- E Ink Dot Matrix Graphic Display - BW / BWR / BWY, up to 13.3" diagonal, four color BWRY, 1.64", 2.3", 3.0", 4.37", 7.5", 8.14"



1.54" BW



2.66" BWR



4.2" BWR



5.83" BWR



3.0" BWRY



7.5" BWR



8.14" BWRY