Spectra™ 6: Full color technology with wide temperature range

The latest full color technology Spectra™ 6 impresses with a temperature range of 0 °C to +50 °C and is used in particular in the field of digital signatures. A wide range of display sizes are available: from compact 13.3" or 25.3" and 31.5" from E Ink to large-format 40.5" (DIN A1), 28.5" (DIN A2) and 20.2" (DIN A3) with IGZO backplane from Sharp. Even smaller displays, such as 4", are ideal for applications such as digital picture frames, eBadges or cell phone covers.

E Ink Spectra™ 6

Kaleido™ 3 Outdoor: Colors that convince

With the Kaleido™ 3 Outdoor color filter technology, E Ink is expanding its range of products for outdoor use. A particular highlight: the largest 75" E Paper display, which was successfully presented at the CES in Los Angeles. Series production of this impressive display is still pending, but underlines E Ink's continuous innovative strength.

E Ink EC133UJ1 with Kaleido™ 3 filter technology

Robustness and versatility: open-frame and ready solutions

E Paper displays are known for their mechanical sensitivity. To compensate for this, manufacturers offer various solutions: from open-frame solutions with metal frames to semi-ready and ready products equipped with housings and control boards. The best stability of the structure and good optical performance can be achieved by bonding the displays. The different treatments of the cover glass help to improve the optical performance of the displays operating under critical outdoor environmental conditions, such as direct sunlight or strong reflections. Optical bonding allows the displays to be enhanced with front light. This is important for

operation in twilight or darkness. The size of the light guide can reach impressive figures, e.g. 31.2".

Ready Solution: P7320E Netronix E Paper module

Black and white remains relevant

High-resolution black and white displays also have a firm place on the market. The displays can support touch functions and front light even in the smallest sizes. The 2.9-inch NFC solutions, which are completely passive, can be updated within a few seconds via smartphone. The round EPDs are often required for wearable applications such as smartwatches. The 6-inch EPDs are used in eReaders, while 13.3-inch, 28-inch and 31.2-inch EPDs are intended for traffic information systems, digital price tags or information boards.

E Ink ED253TT3

Ink-in-motion technology

E Ink's segmented technologies are also evolving. The customized solutions become art objects for changeable interior design or are used in the special "Ink-In-Motion" advertising technology to stand out on store shelves.

E Paper display with ink-in-motion technology