



Avalue 42-inch Digital Paper Solutions

- Digitize your content with paper-like technology
- Slim, light weight & low power, easy to install & operate
- E Ink SDK/ API/ Sample Code/ Documents help for quick integration



Easy on the Eyes



Paper-Like



Always On



Sunlight
Readable



Lightweight



Low Power
Consumption

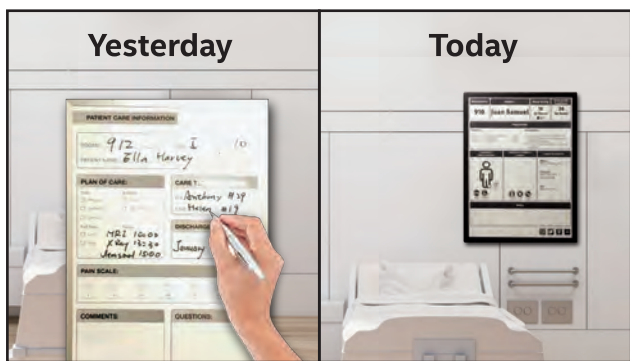


Wide View Angle

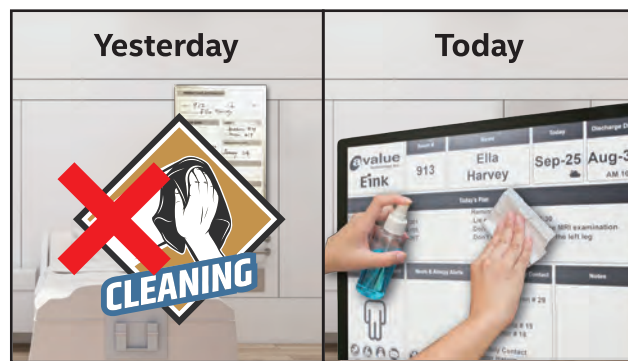
Benefit of Digital Paper

Paper-like Display Revolution of the New Technology

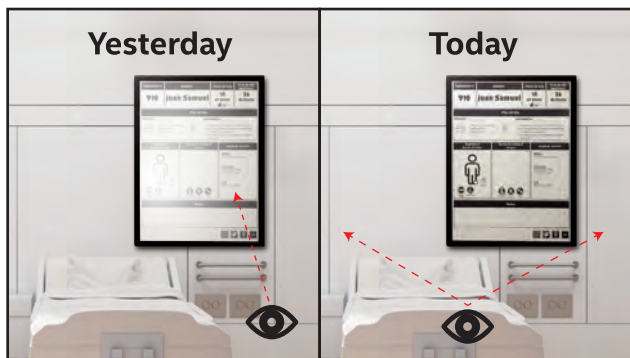
Digital paper can help hospitals to digitize information where it is needed in the patient's room. Digital Paper can displays always-on information even during a power loss it can maintain it's last state of information. It features no light pollution which will not disturb the patient. The product is very low power and only consumes minimal power when you update the information on the display.



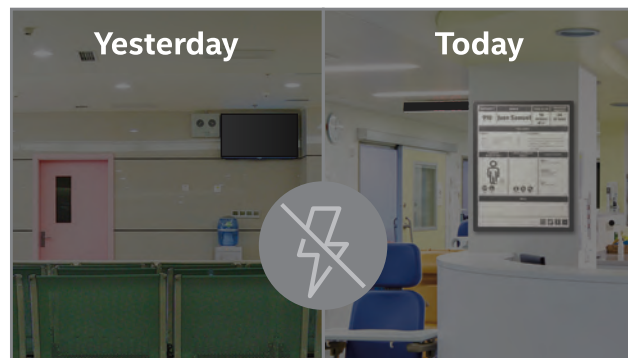
Digitize Traditional Content & Auto Update



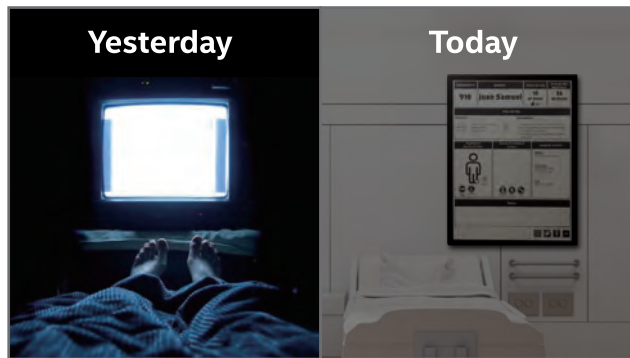
The Board allows for a dust free update and can easily be sterilized



Non-glare background, high contrast and easy to read from all angles



Information always-on and easy to read, even during power outages



Digital Paper does not emit any light and the Board will not disturb patient's rest or sleep



Easy installation - The Board is lightweight, as easy as hanging a picture on the wall



Digital Paper Solutions

Digital Paper is a light-weight, flexible, and paper-like digital display. It is also a reflective display with bi-stable characteristics and consumes very low power. Digital Paper is the perfect display for all smart devices. Compared with LCD screens, Digital Paper is easier for our eyes because there is no emitting light to disturb patients' sleep or rest, making it an ideal digital display for hospitals and care facilities.

Avalue's Digital Paper solution offers a variety of sizes, from 5.65-inch to 42-inch, which can be applied to various application fields, such as Communication Board, Digital Signage, Bulletin Board, Digital Interactive Whiteboard (IWB), Information board, E-note, Door Room Sign, Bedside Card, etc. In addition, Avalue also opens hardware customization services and provides suitable software services with SI partners to meet each customer's needs. Please welcome to contact us for more information.

Digital Signage

- 42" / 31.2" Black and White panel, 16 level grey scale
- True flat front panel
- Dual mPCIe expansion slot
- Optional open frame/ PCAP touch/ front light module
- LAN/ Wi-Fi/ LTE support



eNote Tablet

- 13.3" Black and White panel, 16 level grey scale
- Extremely thin and light
- High-Contrast Display
- Up to three weeks use on a single charge
- Convenient tool for writing, highlighting, erasing



Room Door Sign

- 7.8" Black and White panel, 16 level grey scale
- Easy installation & No wires
- Long battery life
- System integration
- Status updates for each room



Bedside Card

- 5.65" Black/ White/ Red tri-color panel
- Patient info & Instant status
- Multiple pages
- Mobility with bed
- Green technology





Front View



Rear View

Model Number	EPD-42T
LCD Size	42"
Resolution	H: 2160 x V: 2880
Viewing Angle	180 (U), 180 (D), 180 (L), 180 (R)
Touch Type	Projective Capacitive
Processor	NXP i.MX 7Dual Processor / Dual Arm® Cortex®-A7 Cores And Cortex-M4
System Memory	On-Board 2GB DDR3L
Wireless	Optional Wi-Fi + Bluetooth Module
Storage	On-Board 8GB eMMC
External I/O Connector	2x USB 2.0 1x Micro USB OTG 1x Gigabit Ethernet
Power Requirement	DC +12V Optional POE Power Adapter Optional Expansion Power Bank
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20 ~ 60°C (-4 ~ 140°F)
Operating Humidity	40°C @ 95% Relative Humidity, Noncondensing
Software Support	Android 5.1 (default) / Linux 4.15 (Yocto 2.1)
Dimension	918.8 x 704.6 x 37.6 mm
Certification	CE, FCC Class B



Headquarters
Avalue Technology
 7F, 228, Lian-cheng Road, Zhonghe Dist.,
 New Taipei City 235, Taiwan
 Tel: +886-2-8226-2345
 Fax: +886-2-8226-2777
 E-mail: sales@avalue.com.tw
 Web: www.avalue.com.tw

Avalue USA
Avalue Technology
 9 Timber Lane, Marlboro, NJ 07746
 Tel: +1-732-414-6500
 Fax: +1-732-414-6501
 E-mail: sales@avalue-usa.com



Solution Guide



Solution Video



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