



Low Carbon Emission Display

Best display solution for net-zero carbon emission.



NET
ZERO

iEi Mangosteen-E21
2.1" ePaper display device with
Wi-Fi/BLE and use AAA battery

iEi Mangosteen-E29
2.9" ePaper display device with
Wi-Fi/BLE and use AAA battery

iEi Peach-E73
7.3" ePaper display device with
Wi-Fi/BLE and use AAA battery

iEi Pitaya-E42
4.2" ePaper display device with
Wi-Fi/BLE and use AAA battery



IEI Advance ePaper Display Solution

The IEI Low Carbon Emission Display Solution is a sustainable and cost-effective way to reduce carbon emissions. This innovative management system enables companies to save on printing paper materials and energy costs, resulting in a lower carbon footprint. Unlike traditional LCD displays and paper, this next-generation solution uses an energy-efficient low carbon emission display that is both eco-friendly and visually stunning. By combining a low-cost ePaper panel with an energy-efficient controller board, the IEI solution achieves exceptional image quality while consuming significantly less power.

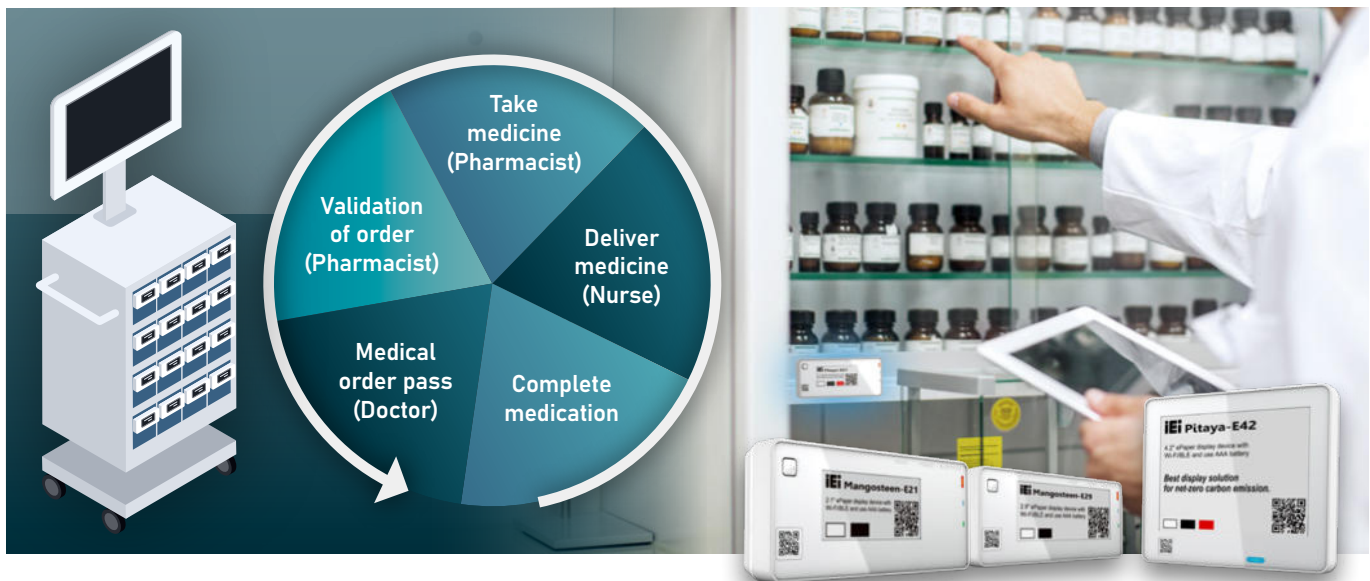
Additionally, the IEI Low Carbon Emission Display Solution is equipped with several advanced functionalities. It integrates seamlessly with the iRM resource management platform, ideaRoom content generation platform, and translation gateway, making it easy to manage and customize the display's content. With these features, companies can easily create and distribute content across multiple displays, ensuring that their messages reach their intended audiences.

In summary, the IEI Low Carbon Emission Display Solution is an ideal choice for companies seeking to reduce their carbon footprint while also improving their visual communications. Its energy-efficient design, coupled with advanced functionalities, make it an excellent investment for any organization looking to make a positive impact on the environment while cutting costs.

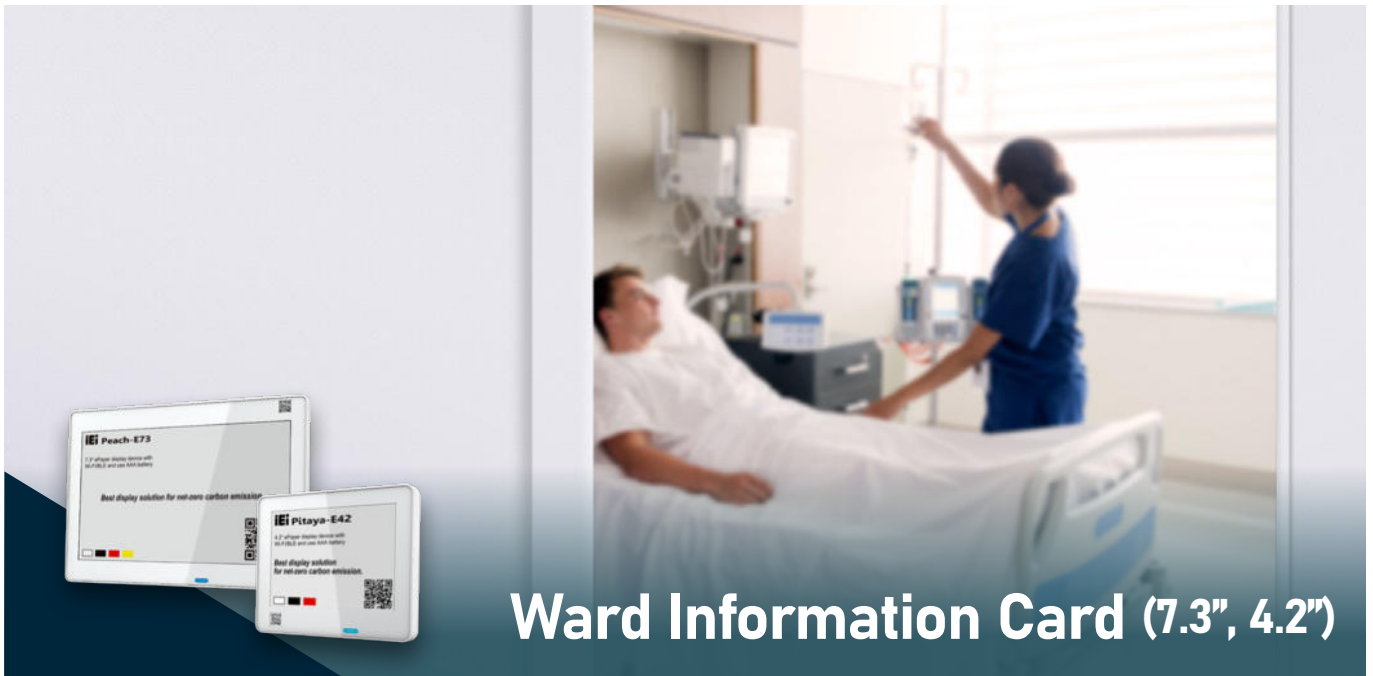
IEI Advance ePaper Display Solution

Applications system	IoMT Solutions	Smart City Solutions	IIoT Solutions
	Hospital Bedside Card Medicine Close Loop Management	Meeting Room Door Sign Public Signage	Museum Art Sign Warehouse Label Production Line SOP
ideaRoomX content Management	API translation gateway		
iRM resource Management	Share folder		
E-Paper Series			ditherPrint PC App USB

Closed Loop Medication Management (4.2", 2.13", 2.9")



Closed-loop electronic medication management systems (EMMS) are recognized as effective interventions to improve medication safety. A closed-loop EMMS may reduce the medication turnaround time when compared to paper-based medication management systems. The use of ePaper display in closed-loop electronic medication management systems (EMMS) can help healthcare providers complete daily tasks more efficiently.



Ward Information Card (7.3", 4.2")

With the ePaper hospital ward card, you will be able to get updated information about your patient in a timely and accurate way. A vast amount of information can be gathered from a single device without taking up much space.



Bed Side Card (7.3", 4.2")

The ePaper card is a bedside communication tool that includes multiple benefits. It allows for real-time updates of the patient's information, such as vital signs, medications, and treatment plans. These updates are crucial for healthcare providers when making informed decisions about their patient's care. The ePaper card can also be accessed by all members of the healthcare team, including doctors and nurses. This improves communication and ensures that everyone is on the same page when it comes to the patient's care. Patients can also view this information from a distance to take an active role in their medical decisions and track their own progress throughout treatment. Lastly, the ePaper card helps reduce errors that can occur with traditional paper-based systems such as misplacement or loss of important patient information.



Call Board (7.3", 4.2")

The use of ePaper display in call boards at hospital and banks can help reduce wait times and improve customer satisfaction. This is because ePaper displays are easy to read and can be updated quickly with new information. They also consume less power than traditional displays and can be viewed from any angle.



Instruction Sign (7.3", 4.2")

The benefits of using ePaper displays in hospitals, banks, and public area. ePaper displays can be used to provide customers with up-to-date information.

The ePaper displays can also be used to display important messages or announcements, such as changes to bank policies or hours of operation.



Inventory Management (7.3", 4.2", 2.13", 2.9")

The ePaper displays can display inventory levels and other important information about products and materials. This allows warehouse and factory workers to quickly and easily find the information they need to manage inventory levels and avoid error.



Production Line Information System SOP and Job Shop Tag (7.3", 4.2")

The ePaper displays can be used to display important information about products and materials, such as SOP, production schedules, and other important information. This allows factory workers to quickly and easily find the information they need to manage production and ensure that production runs smoothly.



Meeting Room Management (7.3", 4.2")

The ePaper displays can be used to display important information about meeting rooms, such as availability, schedules, and other important information. This allows employees to quickly and easily find the information they need to manage their schedules and ensure that meetings run smoothly.



Museum Art Sign (7.3", 4.2")

The ePaper displays can be used to display important information about art pieces, such as descriptions, artist information, and other important information. This allows museum-goers to quickly and easily find the information they need to learn more about the art they are viewing.

Device Selection Guide



Products	Peach-E73	Pitaya-E42	Pitaya-E29	Pitaya-E21	Mongosteem-E29	Mongosteem-E21
Active area	7.3"	4.2"	2.9"	2.13"	2.9"	2.13"
Resolution	800 x 480	400 x 300	128 x 196	122 x 250	128 x 196	122 x 250
Wireless	Wi-Fi / BLE	Wi-Fi / BLE	Wi-Fi / BLE	Wi-Fi / BLE	Wi-Fi / BLE	Wi-Fi / BLE
Connector	USB Type-C	USB Type-C	NA	NA	NA	NA
LED	2 colors	2 colors	3 colors	3 colors	3 colors	3 colors
Keys	Power / BLE / Reset	Power / BLE / Reset	Power / BLE / Reset / Programmable x1	Power / BLE / Reset / Programmable x1	Power / BLE / Reset / Programmable x1	Power / BLE / Reset / Programmable x1
Battery	AAAx6	AAAx6	AAAx2	AAAx2	AAAx2	AAAx2
Colors	BWRY	BWR	BWR	BWR	BW	BW
Image update time (25°C typ)	18 sec	18 sec	18 sec	18 sec	0.5 sec	0.5 sec
Best optic temperature range	15°C ~ 35°C	15°C ~ 35°C	15°C ~ 35°C	15°C ~ 35°C	0°C ~ 50°C	0°C ~ 50°C
Storage temperature	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C

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