

Itten-E315



IEI proudly introduces the new Itten-E315, featuring the latest E Ink Spectra 6 color e-paper technology to transform a 31.5-inch digital canvas into an art piece within any space. More than just a display, it is a comprehensive visual solution tailored for modern offices and stylish environments.

Features

» Ultimate Energy-Saving Green Technology

Boasting ultra-low power consumption, it uses just a fraction of the electricity of traditional LCDs. This not only saves businesses significantly on energy costs but also perfectly embodies ESG sustainability principles.

» True Wireless Design for Limitless Placement

Fully supporting battery power and wireless image transmission, it bids a final farewell to cluttered power and signal cables. By eliminating expensive renovation and wiring costs, the device can be freely moved and placed anywhere—completely free from the restrictions of power outlets.

» Pure White Elegance to Elevate Spatial Aesthetics

Breaking away from the dull, heavy black frames of traditional industrial displays, the Itten-E315 stands out with its minimalist, pure white design. It seamlessly integrates into various interior styles, such as Modern, Nordic, and Muji, delivering stunning visual beauty to every viewer.

» Exclusive Software to Unleash Creativity

Equipped with IEI's proprietary content management software and image processing algorithms, designers can effortlessly transform their creative visions into vibrant, striking digital posters—without needing any complex technical knowledge of e-paper technology.

» A Complete Ecosystem for Every User

Beyond providing top-tier hardware, we have built a comprehensive content management ecosystem to meet the needs of all scales:

ideaRoomX Cloud (Public Cloud): Designed for the centralized management of multiple devices, ideal for commercial users operating across different regions.

ideaRoomX (Private Cloud): Tailored for enterprise clients who prioritize strict information security, providing the highest level of data protection.

ditherPrintMB (Mobile App): Designed for individual or small-scale users, offering intuitive and convenient snap-and-send functionality.

Itten-E315: Turning every information display into a visually delightful feast.

Specifications

Display	
EPD Size (active area)	31.5"
EPD resolution	2560 (H) x 1440 (V)
EPD Pixel Pitch (mm)	0.272 x 0.272
EPD Contrast Ratio (B/W typ)	22
EPD ink material	E Ink Spectra 6
EPD colors	Black/White/Red/Yellow/Green/Blue

EPD timing controller	SoC
Cover lens	Glass
Physical Characteristics	
Color	White
Dimensions (LxWxH) (mm)	721.32(L) x 424.68(W) x 33.1(H)
Net Weight	4.46kg
I/O Interface	
Display Input	USB-C
Wireless	
Wi-Fi	IEEE 802.11b/g/n (2.4 GHz WiFi)
Bluetooth	Bluetooth® 5 (LE)
Power	
Battery	4 x PPP3 (Not included in the product)
Environment	
Operating Temperature	0°C ~ 50°C
Storage Temperature	-20°C ~ 60°C

Ordering Information

Itten-E315-R10	31.5" B/W/R/Y/G/BL ePaper display
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Packing List

1 x Itten-E315 ePaper display	
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