Floor Standing Interactive Kiosk

85" Ultra HD Infrared Touch All-in-One Display

Model: HI850RFL

The LFTouch all-in-one interactive display combines the best in infrared (IR) touch screen technology with a stylish and secure kiosk. The screen resembles a giant tablet with an edge-to-edge tempered glass front and an aluminum bezel. Designed for commercial applications, its ergonomic, user-friendly design allows users to interact with the screen naturally. Optional universal wheels and a stable, durable and solid base design provide smooth mobility.

Highlights

Tablet-Like Styling

Buttonless tempered glass face, rounded corners, steel enclosure with super-slim profile and aluminum surround all add to its eye-catching, tablet-like aesthetics.

178° Wide Viewing Angle

The extra-wide 178° viewing angle is a perfect fit for shoppers, employees or visitors etc.

Optional Cloud Update

An optional network upgrade allows you to remotely update content via LAN or WiFi with a digital signage CMS.

Wireless Connectivity

Built-in Wi-Fi and LAN make network connection and content management simple and flexible.

Plug & Play

Upload images and videos to the screen via a USB stick. Simply insert it into the display, wait for your content to copy over, then remove it. Your content will play in a continuous loop.

24/7 Operation

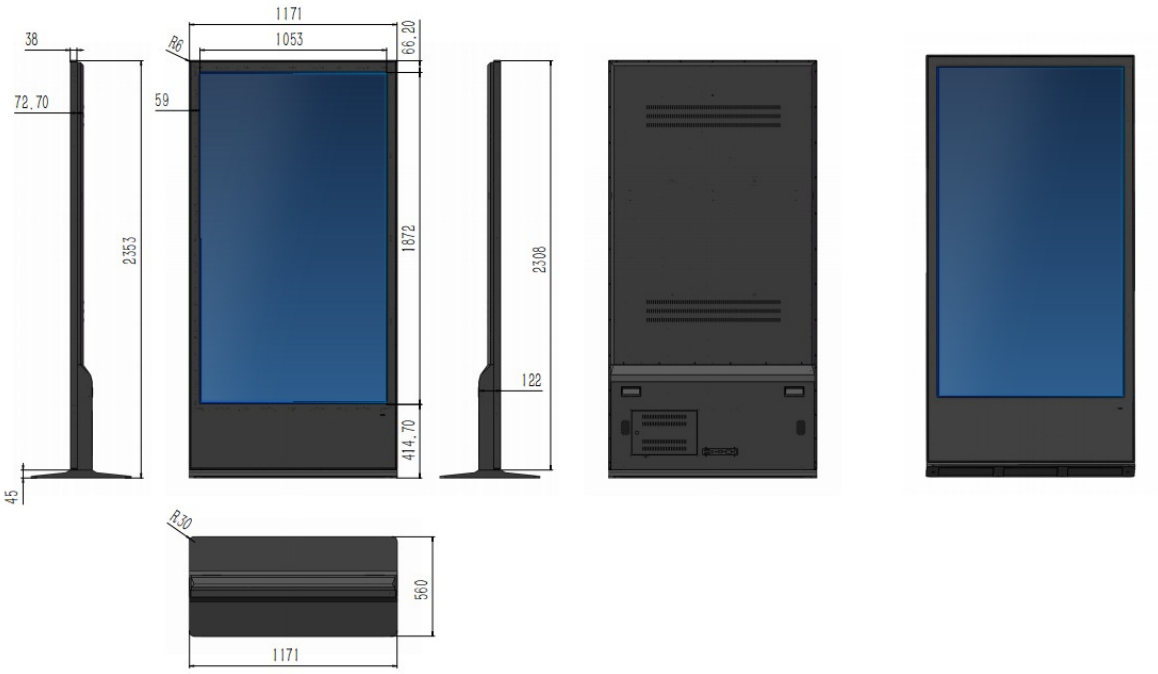
Built with commercial-grade LCD panels & LED backlights, these displays can run continuously 24/7 for over 50,000 hours.

Product Specifications

GENERAL	
Model	HI850RFL
Screen Size	85"
Screen Active Area	1872 × 1053 mm
Resolution	3840 × 2160 (Ultra HD)
Aspect Ratio	16:9
Brightness	350–700 nits
Contrast Ratio	1200:1
Viewing Angle (H/V)	178°/178°
Backlight Life Cycle	50,000 Hrs
Operation Hours	24/7
Response Time	6 ms
Screen Orientation	Portrait
SYSTEM	
OS	Android 11 / Ubuntu / Linux
CPU	RK3568, Quad-core 2.0 GHz
GPU	Mali-G52 (OpenGL ES 1.1/2.0/3.2, OpenCL 2.0, Vulkan 1.1)
DDR	2 GB
ROM	32 GB eMMC
Language	English / Multilingual
CONNECTIVITY	
Input	USB × 2, HDMI IN × 1, Ethernet RJ45 × 1
Network Connection (Wi-Fi or LAN)	Yes
3G/4G Connection	Optional
POWER	
Power Supply	AC 90~240 V, 50/60 Hz
Power Type	Built-In Power
Power Consumption	230 W (Max.)
PHYSICAL	
IP Rating	IP3X
Glass	Yes
Shell	Cold-rolled steel sheet
Standard Color	Black
Dimensions	2353(H) × 1171(W) × 560(D) mm
Net Weight	108.5 kg
Gross Weight	134 kg
Packing Dimensions (W×H×D)	2418(W) × 1282(H) × 240(D) mm
OPERATIONS	
Working Environment	Indoor

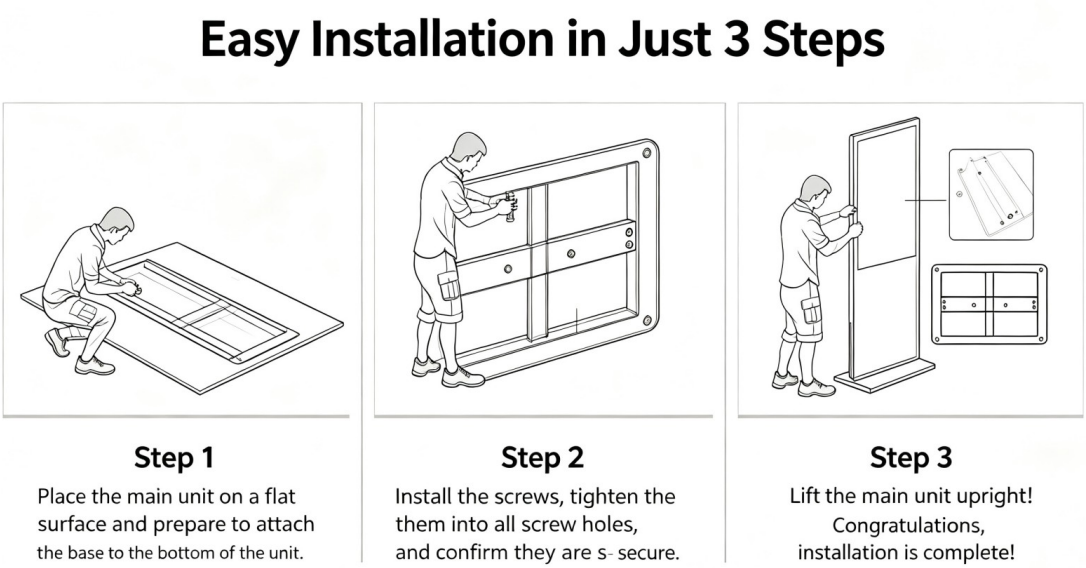
Operation Temperature	0 °C to 45 °C
Operation Humidity	10% to 80%
Storage Temperature	-10 °C to 50 °C
Storage Humidity	10% to 80%
TOUCH	
Type	Infrared (IR) touch
Touch Points	10 points
Touch Life	500 million times
SPEAKER	
Built-in Speaker	Yes
Bluetooth Speaker Support	Yes
WHAT'S IN THE BOX	
Accessories	Power cable × 1 · Key × 2 · Remote control × 1 · Base screws × 6 · Antenna × 1 · User Manual (Electronic Version)

Schematics



Dimensions (Unit: mm)

Installation Method



Base installation in three steps