

Floor-Standing Infrared Touch Kiosk

Product Specifications

LF-FST-IR-32 / 43 / 50 / 55 / 65

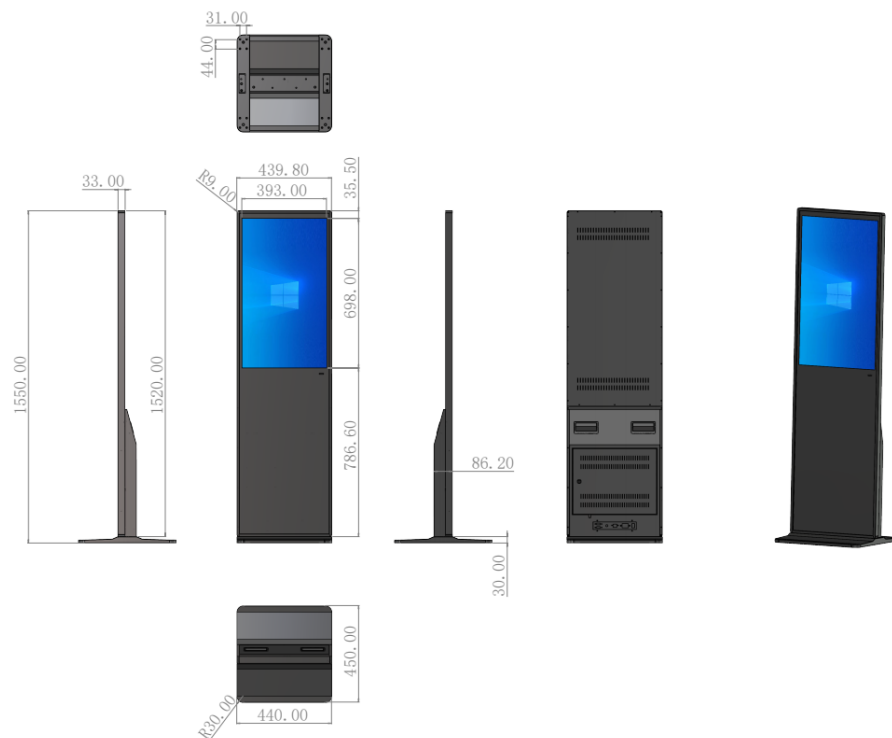
Product Overview

The LF-FST-IR series is a floor-standing touch kiosk that combines a brand-new LED LCD panel with a 10-point infrared touch screen in a slim aluminum-profile enclosure. Powered by an RK3566 quad-core industrial mainboard running Android 11, it delivers smooth multimedia playback and responsive interaction for wayfinding, self-service and product inquiry applications. The bundled content management software publishes, schedules and monitors content on every terminal remotely over LAN, WiFi or optional 4G. Standard finishes are gold, black and silver, with customization available on request.

Model Specifications

LF-FST-IR-32

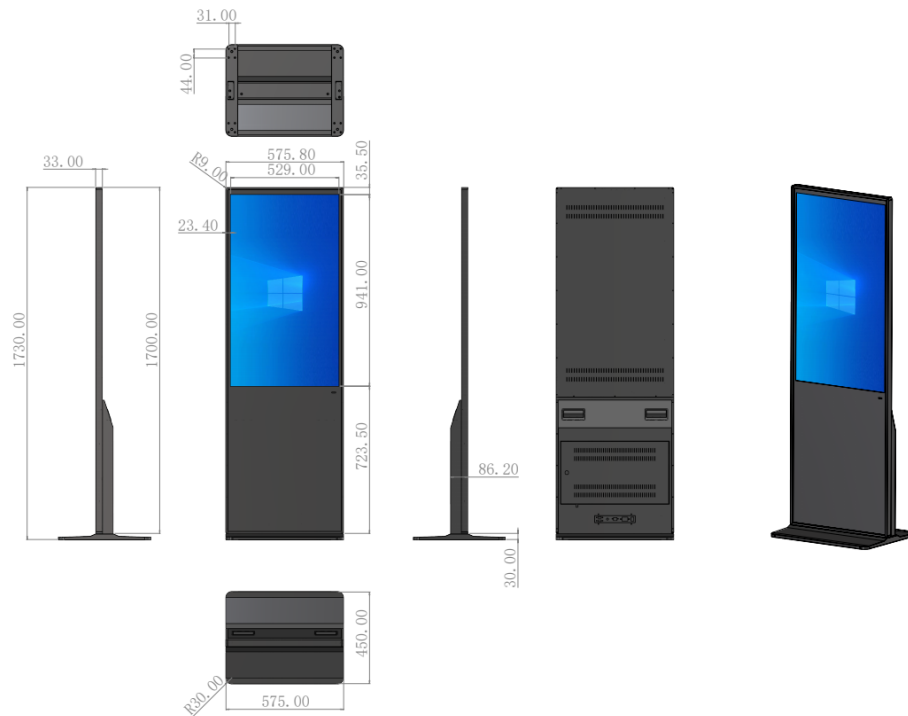
Parameter	Specification
LCD Panel	Brand-new LED LCD panel
Active Display Area	698 mm (V) x 393 mm (H)
Aspect Ratio	16:9
Power Consumption	45W
Standby Power	<0.5W
Audio Output	5W, 8 Ohm
Resolution	1920 x 1080
Brightness (cd/m ²)	300
Viewing Angle	178°(H) / 178°(V)
Response Time	8 ms
Color System	PAL/NTSC/SECAM
Mounting / Orientation	Landscape / Portrait compatible



LF-FST-IR-32 Dimensions (mm)

LF-FST-IR-43

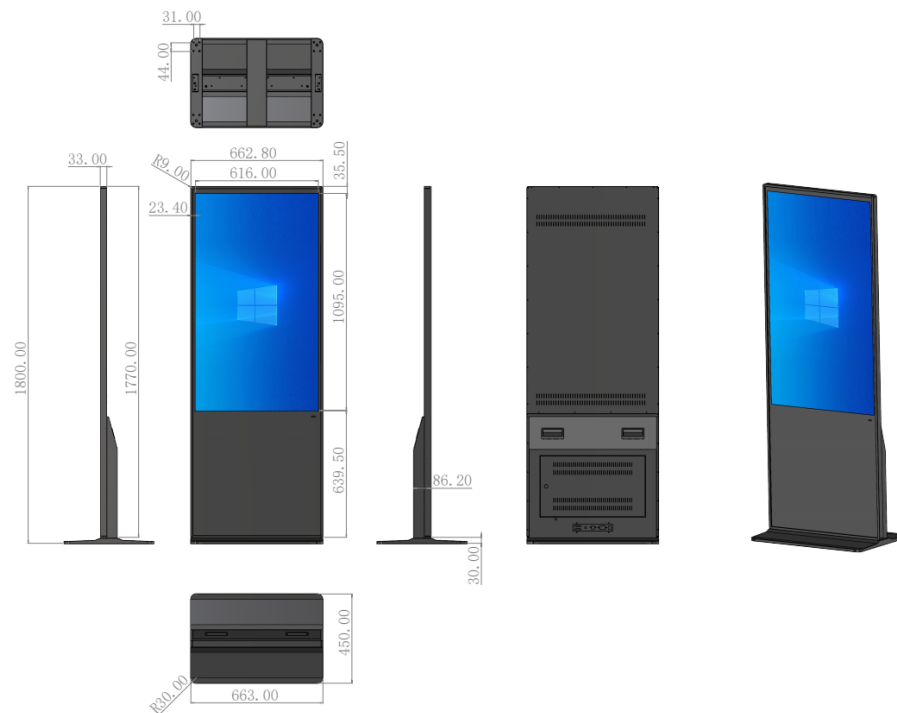
Parameter	Specification
LCD Panel	Brand-new LED LCD panel
Active Display Area	941 mm (V) x 529 mm (H)
Aspect Ratio	16:9
Power Consumption	65W
Standby Power	<3W
Audio Output	5W, 8 Ohm
Resolution	1920 x 1080
Brightness (cd/m ²)	350
Viewing Angle	178°(H) / 178°(V)
Response Time	8 ms
Color System	PAL/NTSC/SECAM
Mounting / Orientation	Landscape / Portrait compatible



LF-FST-IR-43 Dimensions (mm)

LF-FST-IR-50

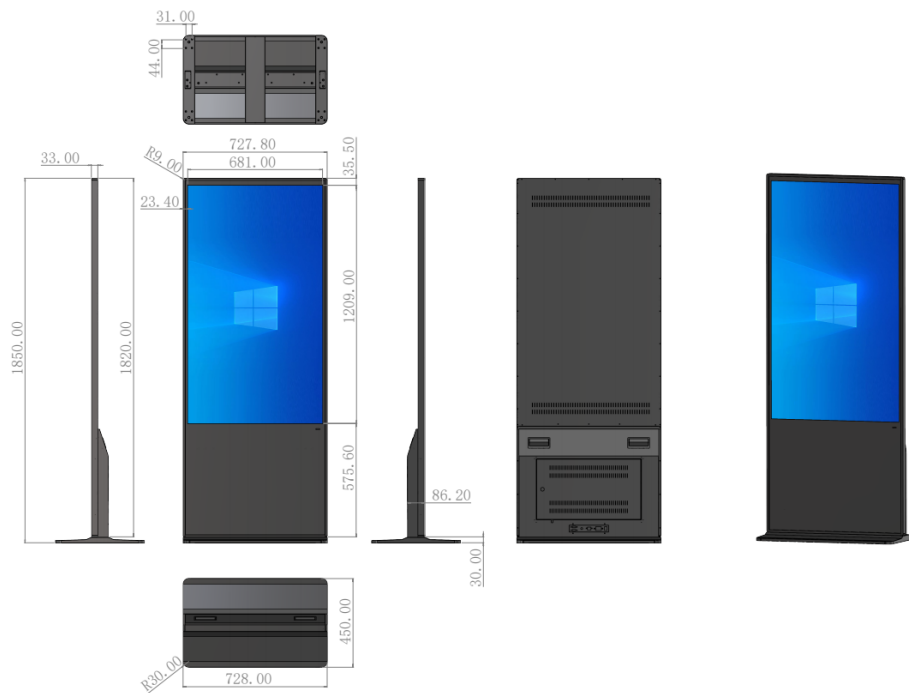
Parameter	Specification
LCD Panel	Brand-new LED LCD panel
Active Display Area	1095 mm (V) x 616 mm (H)
Aspect Ratio	16:9
Power Consumption	85W
Standby Power	<3W
Audio Output	5W, 8 Ohm
Resolution	1920 x 1080
Brightness (cd/m ²)	350
Viewing Angle	178°(H) / 178°(V)
Response Time	8 ms
Color System	PAL/NTSC/SECAM
Mounting / Orientation	Landscape / Portrait compatible



LF-FST-IR-50 Dimensions (mm)

LF-FST-IR-55

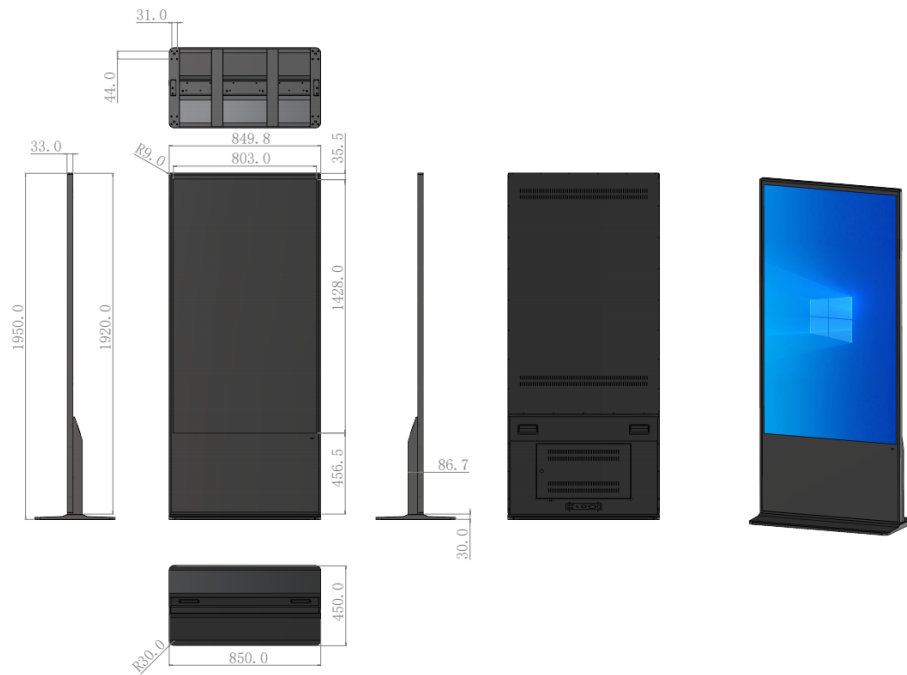
Parameter	Specification
LCD Panel	Brand-new LED LCD panel
Active Display Area	1209 mm (V) x 681 mm (H)
Aspect Ratio	16:9
Power Consumption	100W
Standby Power	<3W
Audio Output	5W, 8 Ohm
Resolution	1920 x 1080
Brightness (cd/m ²)	350
Viewing Angle	178°(H) / 178°(V)
Response Time	8 ms
Color System	PAL/NTSC/SECAM
Mounting / Orientation	Landscape / Portrait compatible



LF-FST-IR-55 Dimensions (mm)

LF-FST-IR-65

Parameter	Specification
LCD Panel	Brand-new LED LCD panel
Active Display Area	1428 mm (V) x 803 mm (H)
Aspect Ratio	16:9
Power Consumption	120W
Standby Power	<3W
Audio Output	5W, 8 Ohm
Resolution	1920 x 1080
Brightness (cd/m ²)	350
Viewing Angle	178°(H) / 178°(V)
Response Time	8 ms
Color System	PAL/NTSC/SECAM
Mounting / Orientation	Landscape / Portrait compatible



LF-FST-IR-65 Dimensions (mm)

Mainboard Configuration

Parameter	Specification
CPU	RK3566, quad-core, up to 1.8 GHz
Memory	4 GB RAM + 64 GB on-board storage
Mainboard	Android industrial mainboard
Network	Ethernet, WiFi, and 4G (optional)
Interfaces	2*USB, 1*SD, 1*RJ-45, 1*HDMI, 1*DC-12V
Speakers	2*7W speakers, one on each side of the unit
Power Control	Scheduled power on/off for smart, care-free operation
Operating System	Android 11
Software	Multimedia content publishing software (terminal software + server management software), included

Touch Parameters - Infrared (IR) Touch

Parameter	Specification
Touch Screen Type	10-point infrared touch screen
Touch Resolution	8192 x 8192
Tempered Glass	4 mm tempered glass
Interface	USB
Response Speed	8 ms
Touch Accuracy	+/-2 mm over 95% of the touch area
Touch Medium	Finger, stylus or any opaque object
Durability	Over 60 million single-point touches
Drift	No drift; performance does not vary with the environment
Light Immunity	Resistant to ambient light interference
Vandal Resistance	Ultra-strong tempered glass for effective impact resistance

Appearance & Environment

Parameter	Specification
Design & Material	Modern, mainstream styling; aluminum profile construction tightly integrated with automotive-grade sheet metal
Surface Finish	Brushed aluminum trim, 4 mm tempered glass front, piano-baked lacquer finish
Color	Standard gold, black and silver (customizable on request)
Mounting	Wall-mount / ceiling-suspension installation
Operating Temperature	-5°C ~ 50°C
Storage Temperature	-35°C ~ 60°C
Operating Humidity	10% ~ 90%
Storage Humidity	10% ~ 90%
Accessories	Mounting screws, user manual, power cord, keys, certificate of conformity, warranty card

Content Management Software

The multimedia information publishing platform integrates network, information and multimedia technologies. It edits, controls and publishes video, audio, images and streaming media, while display terminals present content in freely combined split-screen layouts. Beyond advertising and product inquiry, the system also supports entertainment - embedded mini-game apps, for example - to attract and engage customers.

Program Editing

- Freely split the screen into regions; regions can carry touch or sensor links.

- Full support for free-form split-screen zones combining video, images, captions, logo, date / time / weekday and weather.
- Supports external data sources such as live TV broadcasts, news feeds and HTML web pages.
- Supports embedded apps - from the query interface, users can open apps such as WeChat, QQ, games and other applications.
- Supports signal input from external devices such as surveillance systems, cameras and face-recognition devices.

Program Management

- Compile different programs into playlists; playback can be previewed.
- Programs can be scheduled by date and time, played on a timer, or inserted live in real time.
- Playlists can be published to all terminals, to selected groups, or to a single terminal.

Terminal Management

- Remote power on/off and scheduled power on/off.
- Remote software upgrades and updates.
- Real-time monitoring of terminal faults and playing content.

Warranty & Support

LFTouch provides a standard 12-month warranty, extendable to 24-36 months for project orders. During the warranty period, defective units are repaired or replaced free of charge. Lifetime technical support is included for all products. Contact: sales@lftouch.com | www.lftouch.com