



46" Dual-Sided Outdoor Interactive Touch Kiosk



Model: NISSK-460PCT-305-TOR, Dual-Sided

- ✓ 46" Outdoor (1) PCAP interactive LCD, (1) Static LED Backlit Sign
- ✓ Full HD Resolution: 1080 x 1920 pixels
- ✓ Heater Ventilation Air Circulation (HVAC) System
- ✓ Tamper-proof, Anti-reflection, Tempered Glass
- ✓ Embedded Intel i5 Computer
- ✓ Compliance: UL48 Outdoor Sign and UL879 Sign Controller
- ✓ IoT Driven Sensor Hardware Health Monitoring Module – Audio, Temperature, Brightness, Internet Connectivity, Door Sensor

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Screen

Parameter	Specification
Video Orientation	Portrait
Active LCD Dimensions (Width x Height)	574.7mm (W) x 1018 mm (H); (22.6in. x 40.0in.)
LED Backlit Sign Dimensions	838mm x 610 mm; (33.01in x 24.01in)
Enclosure Dimensions (Width x Height x Depth)	797.8mm (W) x 1981.25mm (H) x 289mm (D); (31.4in. x 78in. x 11.4in.)
Resolution	1080 x 1920 pixels
Color	16.7 million colors (8-bit)
Dimming	50-100% automatic dimming
Calibrated Intensity	2500 Cd/m ²
Color Temperature Modes	Warm / Medium / Cool
Refresh Rate	60 Hz
Aspect Ratio	16:9
Contrast Ratio	2000:1 (Typ.), 10000:1 (DCR)
Viewing Angle	178 degrees (side/side) 178 degrees (up/down)
Burn Time (one static image)	Under 30 min
Touch Screen Interactivity	a) Projected Capacitive (PCAP), multi-touch b) Works with bare fingers and gloved fingers c) High positional accuracy (2.5mm typical) d) 92% - 100% light transmission through PCAP e) Less than 10 ms response time

Power, Computer & Electronics

Parameter	Specification	
Power Consumption	450 W (Average); 600 W (Maximum)	
Embedded computer	CPU	Intel Core i5 Processor
	RAM	DDR3 16GB
	HDD	SSD 256GB
	OS	Ubuntu 14.04 / 16.04
Inputs / Outputs	1) HDMI, DVI (720p/1080i/1080p) 2) Video compatible (USB 3.0 or similar) 3) LAN (RJ45, Cat 6), RS-232C	
On Screen Display (OSD)	English (default)	
Image Rendering	Static, animated images, and videos	
Electric Sign Health Monitoring System [Model: NRMCB-300]	Remote Health Monitoring capabilities: <ul style="list-style-type: none"> - Monitor internet connection - Manual and automatic environmental control via IoT sensors <ul style="list-style-type: none"> • (2) Temperature sensors • (1) Ambience sensor • (1) Moisture sensor • (1) Pixel moving sensor to detect if screen is working or not • (1) Door sensor for enhanced security and safety - Sequential power booting program <ul style="list-style-type: none"> • Remote power reset • Remote computer reset • Remote LCD reset • Remote IoT reset 	

System Level Design & Durability

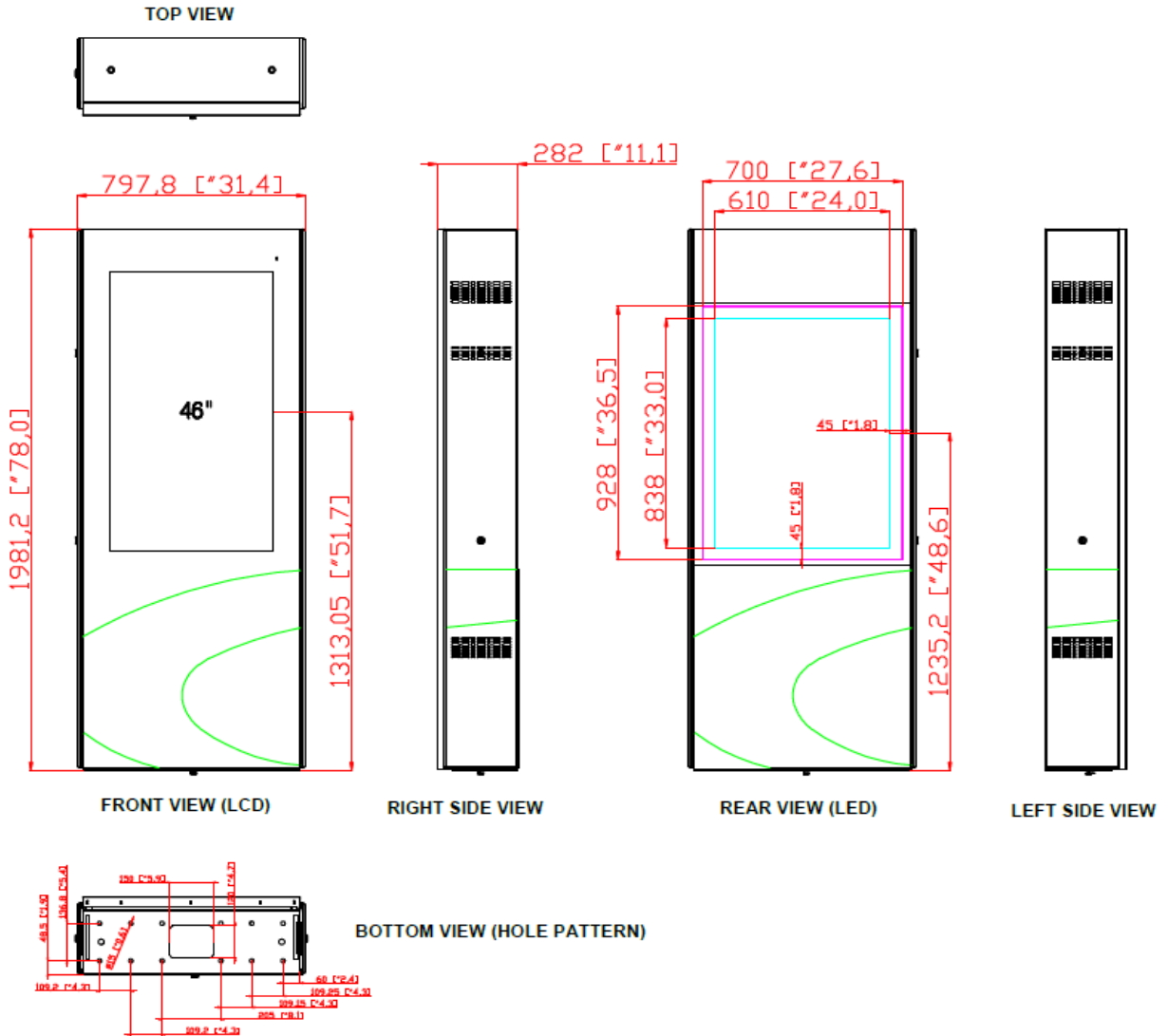
Parameter	Specification
Rated Operating Conditions	Temperature: -20°C to 40°C Humidity: 20% to 80%
Heating, Ventilation & Air Circulation (HVAC)	Automated system for heating & cooling with active air inflow & exhaust <i>[patent pending]</i>
External Housing	Fully sealed, weather-proof enclosure
Glass	Anti-glare, anti-reflective, 1% max haze, anti-vandal, tempered glass over screen
Certification	FCC, Full UL Certification, IP Rating provided by manufacturer
Warranty	36 Months
Mean Time Between Failure	50,000 hours

Optional Custom Transit Branding

Parameter	Specification
Logo	Transit design with corresponding color palette
Vinyl Wrapping	On top of kiosk enclosure surface
LED Backlit Poster	Panel for changeable transit information
Custom Designs	Front door, two side panels, & rear cabinets
Kiosk Foundation	(12) Anchor bolts for structural security

Physical Dimensions

Display weight: 170 kg per unit (374 lbs.)



Renderings



Front View of 55 Inch Dual-Sided Interactive Kiosk; LCD Display Side.



Rear View of 55 Inch Dual-Sided Interactive Kiosk; Backlit Static LED Side.

Speaker Specification, Model NICS-100825

Impedance	8 Ohms	
Power	Nominal	25 Watts
	Maximum	50 Watts
General Specifications:		
Type	Descriptions	
Nominal Diameter	100 mm (4 inches)	
SPL	86 dB /W/M	
Frequency Range	FO - 13000 Hz	
Voice Coil Diameter	24.45 mm (1 inch)	
Voice Coil Material	Copper	
Magnet Weight	0.28 Kg (10 oz.)	
Piston Diameter	83 mm (2.9 inches)	
Magnet Gap Depth	4 mm (0.14 inches)	
Voice Winding Depth	10 mm (0.35 inches)	
Thiele/Small Parameter:		
Type	Descriptions	
DC resistance	6.2 Ohm	
Fs	79.9 Hz	
Qts	0.432	
Qes	0.532	

Qms	2.283
Vas	3.4 L (0.12ft3)
Sd	0.0031 m2 (4.8 inch2)
Xmas	2.75 mm (0.10 inches)
Vd	8.525 ccm
Half-Space Reference Efficiency	0.13%
Efficient Bandwidth	94.7 Hz
Le	0.32 mH
Cms	0.00097 m/N
BL	3.1 N/A
Rms	0.96 Kg/s
Mounting Information:	
Type	Descriptions
Overall Diameter	106 mm (4.1 inches)
Bolt Circle Diameter	116 mm (4.5 inches)
Baffle Cutout Diameter	102 mm (4.0 inches)
Depth	55 mm (2.1 inches)
Net Weight	0.74 Kg (1.63 lb.)



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