



Real-Time Solar-Powered Bus Stop E-Ink Sign



Model: NZEPD-266LC-100-HPN, Single-Sided

- ✓ Real-Time Passenger Information Sign
- ✓ 26.6 Inch Low Power Consumption E-Ink Display and Computer System
- ✓ Embedded LTE Modem, Embedded Cradlepoint 200
- ✓ High Tech Power Storage for 72 Hours of System Runtime
- ✓ IP66 Optically Bonded, Vandal-Proof Glass
- ✓ Embedded Health Monitoring Board
- ✓ Optional: ADA Compliant Push-to-Talk Button

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Screen

Parameter	Specification
Video Orientation	Portrait
Active Screen Dimensions (W x H)	560mm x 315mm; (22.0in x 12.4in);
Enclosure Dimensions (W x H x D)	375mm x 721.8mm x 271mm; (14.8in x 28.4in x 10.7in);
Resolution	3200 x 1800 pixels
Grey Level	16
Aspect Ratio	16:9
Display Type	Front LED Light Optical Bonding
Display Operating Mode	Reflective Mode
Refresh Time	450ms
Real-Time Passenger Information	<ul style="list-style-type: none"> ▪ Multiple Routes at Once ▪ When stored energy is less than 30%, Display Scheduled Bus Trips

Computer & Electronics

Parameter	Specification	
Embedded Computer	CPU	ARM Cortex-A7
	RAM	1 GB LPDDR3
	Storage	8 GB eMMC
	OS	Android 10
Inputs / Outputs	<ul style="list-style-type: none"> ▪ RS232 ▪ Light Detection Input ▪ Infrared Detection Input ▪ Backlit Output 	

Audio

Parameter	Specification
Accessibility	ADA-Compliant Text-To-Speech Annunciation
Speakers	<ul style="list-style-type: none"> ▪ Removeable From Outside of the Display Case ▪ Not Hardwired to the Controller ▪ Connection/Disconnect Point Accessible After Speakers are Removed ▪ Individually Powered with External Aluminum Grilles
Wattage	20 Wattage

Maintenance & Warranty

Parameter	Specification
All Hardware and Equipment	
Weather-Related Warranty	Display 3 years, Enclosure 5 years
DOA (Date on Arrival)	2 Weeks
Energy Storage	1 Year

System Level Design & Durability

Parameter	Specification	
Glass	<ul style="list-style-type: none"> ▪ Optically Bonded ▪ Low Power ▪ Direct Sunlight Readable 	<ul style="list-style-type: none"> ▪ Embedded LED Light ▪ Weather-Proof ▪ Anti-Vandal Screen
External Housing	<ul style="list-style-type: none"> ▪ Fully Sealed ▪ Weather-Proof ▪ Vandal-Proof Enclosure 	<ul style="list-style-type: none"> ▪ Aluminum Alloy ▪ Galvanized Plate ▪ 304 Stainless Steel
Rated Operating Conditions	-15°C ~ 65°C	
Push-To-Talk Button	<ul style="list-style-type: none"> ▪ ADA Compliant ▪ Pressure Activated ▪ Vandal-Proof Button 	

Embedded LTE Modem

Parameter	Specification
Bandwidth	1.4/3/5/10/15/20 MHz
GSM/EDGE	850/1900 MHz
Wi-Fi	802.11a/b/g/n
Wi-Fi Frequency	2.4/5 GHz
Supported Carriers	Verizon/AT&T/T-Mobile/Sprint

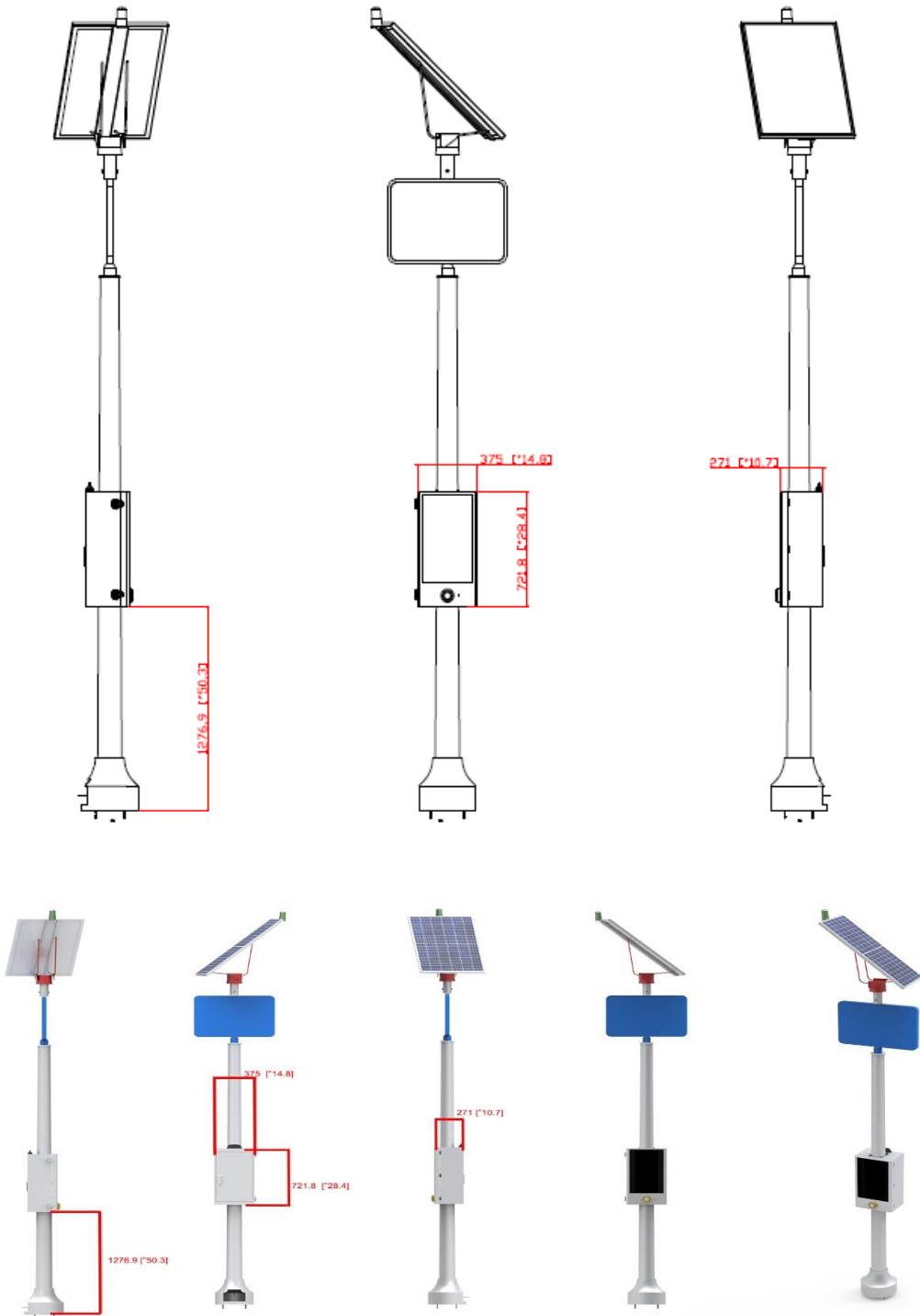
Solar Panel

Parameter	Specification
Model	50w
Maximum Current (A)	2.8
Dimensions	510mm x 680mm x 30mm
Weight	4kg
Power Voltage	DC 12V

Battery

Parameter	Specification
Dimensions	316mm x 114mm x 87mm
Chemistry	Lithium-Ion Battery
Capacity	57Ah
Weight	3.9kg
Time to Charge in Full	7.2 (Day)
Battery Runtime Without Charge	16 Days

Physical Dimensions



Solar Powered Bus Sign Dimensions Displaying the Width and Depth. Along with the Intended Mounting Height

Application



Cross County Shopping Center Rendering; Yonkers, NY

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