



# LEDUP



## ABOUT

LEDUP is family of standardized plug & play and portable digital poster display



## MARKETS

- » Hospitality
- » Event
- » Digital signage
- » Wayfinding
- » Information
- » Advertisement
- » Rental
- » Corporate
- » Architectural element
- » Digital art

## HIGHLIGHTS

- » Plug & play and portable
- » Brighter and longer life than LCD indoor totems
- » Poster shape ideal for certain applications not possible with LCD
- » Easy to use content management over LAN, Wifi, or Cloud with built-in player
- » HDMI input for external media player connection
- » Single or multiple units usage by cascade connection
- » High brightness option up to 3500nits
- » Various installation choices: vertical, angled leg, hanging, wallmount
- » Customized and secured carry case for safe transportation



# FEATURES



## SMART SERIES



- » Durable and robust structure in thin form
- » Optional enclosure colors (Limited with MOQ)
- » Easy to setup, less than 5 minutes
- » Easy to move, weight less than 35kg
- » Different size options:
  - 82" - 562x2.000mm
  - 85" - 845x2.000mm
  - 90" - 1.124x2.000mm (9x16 form factor, can be used as LCD replacement)All above size adjustable (Limited with MOQ)
- » MiniLED option available
- » Optional protective GOB layer on screen
- » Cable-free module connection
- » Optional semi-outdoor high bright LED



## COMPACT SERIES



- » Cost & performance optimized solution
- » Unit size is 640x1920mm (WxH)
- » Customized sizes available depends on MOQ
- » Durable and robust structure in thin form
- » Optional enclosure colors (Limited with MOQ)
- » Easy to setup, less than 5 minutes
- » Easy to move, weight less than 35kg
- » Cable-free module connection
- » Optional semi-outdoor high bright LED

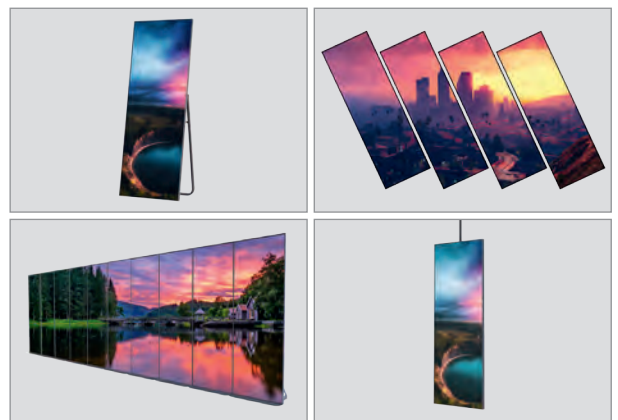


# LEDUP

**PLUG & PLAY LED SCREEN SOLUTIONS FOR INDOOR AND OUTDOOR PROJECTS**



- Key solutions for lower operational cost
- No limit on advertisement content and change all content within 1 second
- Turnkey solution for OOH digital advertisement
- Integrated to centralized content management system
- Customization for size, shape and color available upon request



	INDOOR	INDOOR	INDOOR	INDOOR	SEMIOUTDOOR
	LUSISP01.5	LUSIP01.5M	LUSISP01.9	LUSISP02.6	LUSOSP02.6
<b>General</b>					
Operating environment	indoor	indoor	indoor	indoor	semioutdoor
Pixel pitch	1.56mm	1.56mm	1.94mm	2.6mm	2.6mm
Service type	front access	front access	front access	front access	front access
Calibrated brightness (nits)	900nits	900nits	900nits	900nits	3.500nits
Lamp type <sup>1</sup>	SMD	4in1 MiniLED	SMD	SMD	SMD
Lifespan (hours at %50 brightness)	>100.000hours	>100.000hours	>100.000hours	>100.000hours	>100.000hours
White color calibration (adj)	3.500K~8.500K	3.500K~8.500K	3.500K~8.500K	3.500K~8.500K	3.500K~8.500K
Gray scale	>16bits	>16bits	>16bits	>16bits	>16bits
Brightness control	256 level	256 level	256 level	256 level	256 level
<b>Module Specifications</b>					
Refresh frequency	3.840Hz	3.840Hz	3.840Hz	3.840Hz	3.840Hz
LED drive method	dynamic	dynamic	dynamic	dynamic	dynamic
Module material	plastic	plastic	plastic	plastic	plastic
PCB type	multilayer	multilayer	multilayer	multilayer	multilayer
PCB surface coating	humiseal	humiseal	humiseal	humiseal	humiseal
<b>Panel Specifications</b>					
Product material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Screen dimensions (mm)	562x2.000 <sup>(1)</sup> 843x2.000 <sup>(2)</sup> 1.124x2.000 <sup>(3)</sup>	562x2.000 <sup>(1)</sup> 843x2.000 <sup>(2)</sup> 1.124x2.000 <sup>(3)</sup>	562x2.000 <sup>(1)</sup> 843x2.000 <sup>(2)</sup> 1.124x2.000 <sup>(3)</sup>	562x2.000 <sup>(1)</sup> 843x2.000 <sup>(2)</sup> 1.124x2.000 <sup>(3)</sup>	562x2.000 <sup>(1)</sup> 843x2.000 <sup>(2)</sup> 1.124x2.000 <sup>(3)</sup>
Product depth	53mm	53mm	53mm	53mm	53mm
Diagonal Size	82 <sup>(1)</sup> 85 <sup>(2)</sup> 90 <sup>(3)</sup>	82 <sup>(1)</sup> 85 <sup>(2)</sup> 90 <sup>(3)</sup>	82 <sup>(1)</sup> 85 <sup>(2)</sup> 90 <sup>(3)</sup>	82 <sup>(1)</sup> 85 <sup>(2)</sup> 90 <sup>(3)</sup>	82 <sup>(1)</sup> 85 <sup>(2)</sup> 90 <sup>(3)</sup>
Aspect Ratio	4.5:16 <sup>(1)</sup> 6.75:16 <sup>(2)</sup> 9:16 <sup>(3)</sup>	4.5:16 <sup>(1)</sup> 6.75:16 <sup>(2)</sup> 9:16 <sup>(3)</sup>	4.5:16 <sup>(1)</sup> 6.75:16 <sup>(2)</sup> 9:16 <sup>(3)</sup>	4.5:16 <sup>(1)</sup> 6.75:16 <sup>(2)</sup> 9:16 <sup>(3)</sup>	4.5:16 <sup>(1)</sup> 6.75:16 <sup>(2)</sup> 9:16 <sup>(3)</sup>
IP Level	IP22/IP44	IP22/IP44	IP22/IP44	IP22/IP44	IP22/IP44
Product weight (~single side)	40kg	40kg	40kg	40kg	40kg
Screen resolution	360x1.280px <sup>(1)</sup> 540x1.280px <sup>(2)</sup> 720x1.280px <sup>(3)</sup>	360x1.280px <sup>(1)</sup> 540x1.280px <sup>(2)</sup> 720x1.280px <sup>(3)</sup>	288x1.024px <sup>(1)</sup> 432x1.024px <sup>(2)</sup> 576x1.024px <sup>(3)</sup>	288x1.024px <sup>(1)</sup> 432x1.024px <sup>(2)</sup> 576x1.024px <sup>(3)</sup>	216x768px <sup>(1)</sup> 324x768px <sup>(2)</sup> 432x768px <sup>(3)</sup>
Viewing angle (horizontal x vertical)	>160° x 140°	>160° x 140°	>160° x 140°	>160° x 140°	>160° x 140°
Minimum viewing distance	>1.5m	>1.5m	>2m	>2m	>2.6m
Operating temperature range	-5°C ~ +45°C	-5°C ~ +45°C	-5°C ~ +45°C	-5°C ~ +45°C	-5°C ~ +45°C
Storage temperature range	-20°C ~ +60°C	-20°C ~ +60°C	-20°C ~ +60°C	-20°C ~ +60°C	-20°C ~ +60°C
Operating humidity	10% ~ 90% non-condensing	10% ~ 90% non-condensing	10% ~ 90% non-condensing	10% ~ 90% non-condensing	10% ~ 90% non-condensing
Power input voltage	110 ~ 240 VAC	110 ~ 240 VAC	110 ~ 240 VAC	110 ~ 240 VAC	110 ~ 240 VAC
Power input frequency	50~60Hz	50~60Hz	50~60Hz	50~60Hz	50~60Hz
Average power	<105W~200W	<105W~200W	<105W~200W	<105W~200W	<105W~200W
Max power	<360W~650W	<360W~650W	<360W~650W	<360W~650W	<360W~650W
Active PFC	YES	YES	YES	YES	YES
Load tolerance <sup>2</sup>	25% min.	25% min.	25% min.	25% min.	25% min.
Cooling	Passive cooling	Passive cooling	Passive cooling	Passive cooling	Passive cooling
Product color <sup>3</sup>	Grey (RAL 7016)	Grey (RAL 7016)	Grey (RAL 7016)	Grey (RAL 7016)	Grey (RAL 7016)
<b>Other</b>					
Internal player	YES	YES	YES	YES	YES
Combined screen function	YES	YES	YES	YES	YES
Installation type	Stand, hanging or wall mounting	Stand, hanging or wall mounting	Stand, hanging or wall mounting	Stand, hanging or wall mounting	Stand, hanging or wall mounting
Brightness adjustment	Automatic & manual	Automatic & manual	Automatic & manual	Automatic & manual	Automatic & manual
Dead pixel monitoring	N/A	N/A	N/A	N/A	N/A
Module monitoring	N/A	N/A	N/A	N/A	N/A
Temperature monitoring	YES	YES	YES	YES	YES
Signal path backup	YES	YES	YES	YES	YES
Signal transmission	CAT or Fiber Optic	CAT or Fiber Optic	CAT or Fiber Optic	CAT or Fiber Optic	CAT or Fiber Optic
Standby scheduling	YES	YES	YES	YES	YES
Power on/off scheduling	Optional	Optional	Optional	Optional	Optional
Power saving mode	YES	YES	YES	YES	YES
Certification	CE-EMC, CE-LVD, RoHS,FCC	CE-EMC, CE-LVD, RoHS,FCC	CE-EMC, CE-LVD, RoHS,FCC	CE-EMC, CE-LVD, RoHS,FCC	CE-EMC, CE-LVD, RoHS,FCC

\*The mechanical and electronic specification options are available.

- 1- That value is the remain capacity of PSU's at 100% brightness and white color content
- 2- Available LED options are CREE [ /CR], NICHIA [ /NC], EVERLIGHT [ /EV], MULTICOLOR [ /MC], NATIONSTAR [ /NS]. Please check order code for details.
- 3- It's available to change product color with MOQ.



Front Access

Lightweight

Slim

Temp Monitoring

Smoke Monitoring

Voltage Monitoring

Remote Control

Easy To Install

Wide Angle

High Refresh Rate

Transparent

Noiseless

Calibration

Pixel Detection

Fanless