



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

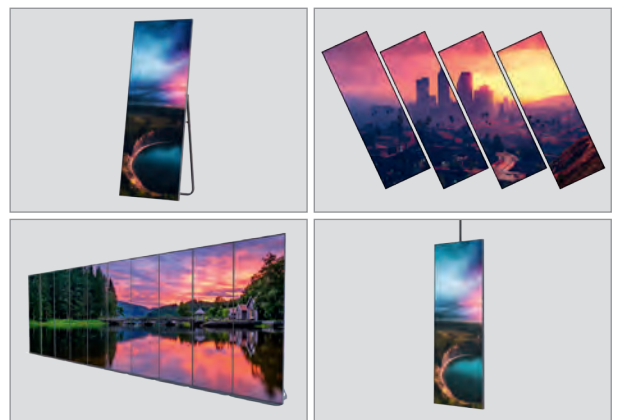


LEDUP

**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 |
| General | | | | | |
| 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 ¹ | 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 |
| Module Specifications | | | | | |
| 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 |
| Panel Specifications | | | | | |
| Product material | Aluminum | Aluminum | Aluminum | Aluminum | Aluminum |
| Screen dimensions (mm) | 562x2.000 ⁽¹⁾ 843x2.000 ⁽²⁾ 1.124x2.000 ⁽³⁾ | 562x2.000 ⁽¹⁾ 843x2.000 ⁽²⁾ 1.124x2.000 ⁽³⁾ | 562x2.000 ⁽¹⁾ 843x2.000 ⁽²⁾ 1.124x2.000 ⁽³⁾ | 562x2.000 ⁽¹⁾ 843x2.000 ⁽²⁾ 1.124x2.000 ⁽³⁾ | 562x2.000 ⁽¹⁾ 843x2.000 ⁽²⁾ 1.124x2.000 ⁽³⁾ |
| Product depth | 53mm | 53mm | 53mm | 53mm | 53mm |
| Diagonal Size | 82 ⁽¹⁾ 85 ⁽²⁾ 90 ⁽³⁾ | 82 ⁽¹⁾ 85 ⁽²⁾ 90 ⁽³⁾ | 82 ⁽¹⁾ 85 ⁽²⁾ 90 ⁽³⁾ | 82 ⁽¹⁾ 85 ⁽²⁾ 90 ⁽³⁾ | 82 ⁽¹⁾ 85 ⁽²⁾ 90 ⁽³⁾ |
| Aspect Ratio | 4.5:16 ⁽¹⁾ 6.75:16 ⁽²⁾ 9:16 ⁽³⁾ | 4.5:16 ⁽¹⁾ 6.75:16 ⁽²⁾ 9:16 ⁽³⁾ | 4.5:16 ⁽¹⁾ 6.75:16 ⁽²⁾ 9:16 ⁽³⁾ | 4.5:16 ⁽¹⁾ 6.75:16 ⁽²⁾ 9:16 ⁽³⁾ | 4.5:16 ⁽¹⁾ 6.75:16 ⁽²⁾ 9:16 ⁽³⁾ |
| 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 ⁽¹⁾ 540x1.280px ⁽²⁾ 720x1.280px ⁽³⁾ | 360x1.280px ⁽¹⁾ 540x1.280px ⁽²⁾ 720x1.280px ⁽³⁾ | 288x1.024px ⁽¹⁾ 432x1.024px ⁽²⁾ 576x1.024px ⁽³⁾ | 288x1.024px ⁽¹⁾ 432x1.024px ⁽²⁾ 576x1.024px ⁽³⁾ | 216x768px ⁽¹⁾ 324x768px ⁽²⁾ 432x768px ⁽³⁾ |
| 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 ² | 25% min. | 25% min. | 25% min. | 25% min. | 25% min. |
| Cooling | Passive cooling | Passive cooling | Passive cooling | Passive cooling | Passive cooling |
| Product color ³ | Grey (RAL 7016) | Grey (RAL 7016) | Grey (RAL 7016) | Grey (RAL 7016) | Grey (RAL 7016) |
| Other | | | | | |
| 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