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LEDUP

PLUG&PLAY SOLUTIONS

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ADVANTAGES

Highlights

- LIGHTWEIGHT, FULL ALUMINUM STRUCTURE
- 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 tranportation

Features

- 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
- 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
- Optional foldable structure

Apron Teknoloji AS. reserves the right to change any product specification, discontinue of any product or services without prior notice

ADVANTAGES

Highlights

- ALUMINUM STRUCTURE
- 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 tranportation

Features

- Durable and robust structure in thin form
- Optional enclosure colors (Limited with MOQ)
- Easy to setup, less than 5 minutes
- Weight around 55kg
- 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
- Optional foldable structure

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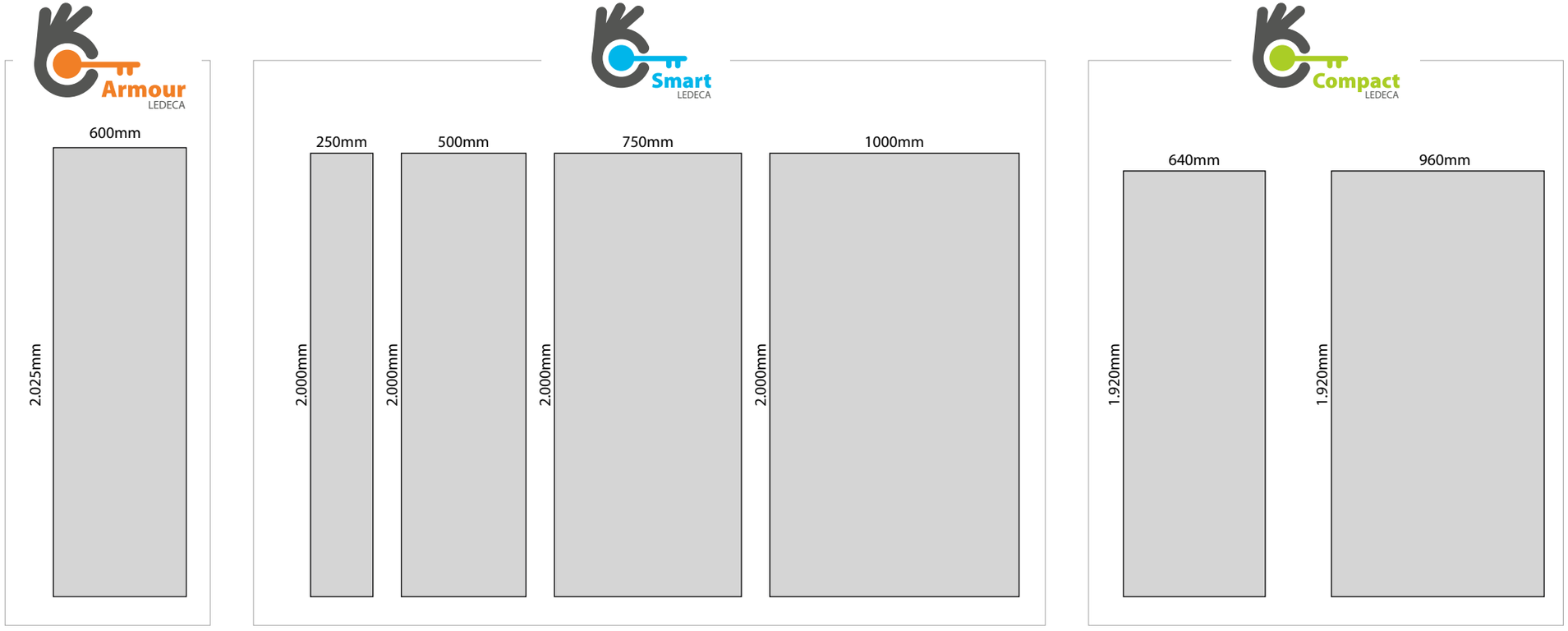
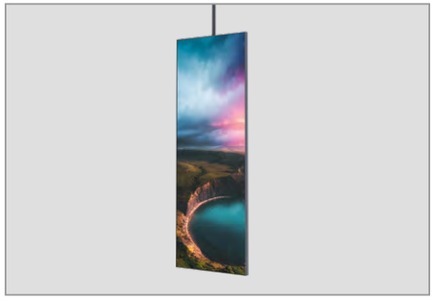
DIMENSIONS





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TECHNICAL SPECIFICATIONS

Armour
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	INDOOR	INDOOR	INDOOR
	LUAICP00.9	LUAICP01.2	LUAICP01.5
General			
Operating environment	indoor	indoor	indoor
Pixel pitch	0.93mm	1.2mm	1.5mm
Service type	front access	front access	front access
Calibrated brightness (nits)	>600nits	>600nits	>600nits
Lamp type[1]	Flip Chip COB	Flip Chip COB	Flip Chip COB
Lifespan (hours at %50 brightness)	>100.000hours	>100.000hours	>100.000hours
White color calibration (adj.)	3.500K~8.500K	3.500K~8.500K	3.500K~8.500K
Gray scale	>16bits	>16bits	>16bits
Brightness control	256 level	256 level	256 level
Product Specifications			
Refresh frequency	3.840Hz	3.840Hz	3.840Hz
LED drive method	dynamic	dynamic	dynamic
Module material	plastic	plastic	plastic
PCB type	multilayer	multilayer	multilayer
PCB surface coating	humiseal	humiseal	humiseal
Product material	Aluminum	Aluminum	Aluminum
Screen dimensions (mm)	600x2.025	600x2.025	600x2.025
Product depth	53mm	53mm	53mm
Diagonal Size	-	-	-
Aspect Ratio	8:27	8:27	8:27
IP Level	IP22/IP44	IP22/IP44	IP22/IP44
Product weight (~single side)	56kg	56kg	56kg
Screen resolution	640x2.160px	480x1.620px	384x1.296px
Viewing angle (horizontal x vertical)	>160° x 160°	>160° x 160°	>160° x 160°
Minimum viewing distance	>0.9m	>1.2m	>1.5m
Operating temperature range	-5℃ ~ +45℃	-5℃ ~ +45℃	-5℃ ~ +45℃
Storage temperature range	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃
Operating humidity	10% ~ 90% non-condensing	10% ~ 90% non-condensing	10% ~ 90% non-condensing
Power input voltage	110 ~ 240 VAC	110 ~ 240 VAC	110 ~ 240 VAC
Power input frequency	50~60Hz	50~60Hz	50~60Hz
Average power	<105W~200W	<105W~200W	<105W~200W
Max power	<360W~650W	<360W~650W	<360W~650W
Active PFC	YES	YES	YES
Load tolerance[2]	25% min.	25% min.	25% min.
Cooling	Passive cooling	Passive cooling	Passive cooling
Product color[3]	Grey (RAL 7016)	Grey (RAL 7016)	Grey (RAL 7016)
Other			
Internal player	YES	YES	YES
Combined screen function	YES	YES	YES
Installation type	Stand, hanging or wall mounting	Stand, hanging or wall mounting	Stand, hanging or wall mounting
Brightness adjustment	Automatic & manual	Automatic & manual	Automatic & manual
Dead pixel monitoring	N/A	N/A	N/A
Module monitoring	N/A	N/A	N/A
Temperature monitoring	YES	YES	YES
Signal path backup	YES	YES	YES
Signal transmission	CAT or Fiber Optic	CAT or Fiber Optic	CAT or Fiber Optic
Standby scheduling	YES	YES	YES
Power on/off scheduling	Optional	Optional	Optional
Power saving mode	YES	YES	YES
Certification	CE-EMC, CE-LVD, RoHS,FCC	CE-EMC, CE-LVD, RoHS,FCC	CE-EMC, CE-LVD, RoHS,FCC
Options			
*The mechanical and electronic specification options are available.			

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TECHNICAL SPECIFICATIONS

	INDOOR	INDOOR	INDOOR	SEMIOUTDOOR
	LUSISP01.5	LUSISP01.9	LUSISP02.5	LUSOSP02.5
General				
Operating environment	indoor	indoor	indoor	**semioutdoor**
Pixel pitch	1.56mm	1.94mm	2.5mm	2.5mm
Service type	front access	front access	front access	front access
Calibrated brightness (nits)	>800nits	>800nits	>800nits	3.500nits
Lamp type[1]	SMD	SMD	SMD	SMD
Lifespan (hours at %50 brightness)	>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
Gray scale	>16bits	>16bits	>16bits	>16bits
Brightness control	256 level	256 level	256 level	256 level
Product Specifications				
Refresh frequency	3.840Hz	3.840Hz	3.840Hz	3.840Hz
LED drive method	dynamic	dynamic	dynamic	dynamic
Module material	plastic	plastic	plastic	plastic
PCB type	multilayer	multilayer	multilayer	multilayer
PCB surface coating	humiseal	humiseal	humiseal	humiseal
Product material	Aluminum	Aluminum	Aluminum	Aluminum
Screen dimensions (mm)	250x2.000 (1) 500x2.000 (2) 750x2.000 (3) 1.000x2.000 (4)	250x2.000 (1) 500x2.000 (2) 750x2.000 (3) 1.000x2.000 (4)	250x2.000 (1) 500x2.000 (2) 750x2.000 (3) 1.000x2.000 (4)	250x2.000 (1) 500x2.000 (2) 750x2.000 (3) 1.000x2.000 (4)
Product depth	53mm	53mm	53mm	53mm
Diagonal Size	80" (1) 82" (2) 85" (3) 90" (4)	80" (1) 82" (2) 85" (3) 90" (4)	80" (1) 82" (2) 85" (3) 90" (4)	80" (1) 82" (2) 85" (3) 90" (4)
Aspect Ratio	2:16 (1) 4:16 (2) 6:16 (3) 8:16 (4)	2:16 (1) 4:16 (2) 6:16 (3) 8:16 (4)	2:16 (1) 4:16 (2) 6:16 (3) 8:16 (4)	2:16 (1) 4:16 (2) 6:16 (3) 8:16 (4)
IP Level	IP22/IP44	IP22/IP44	IP22/IP44	IP22/IP44
Product weight (~single side)	22kg (2) 38kg (2) 75kg (3) 95kg (4)	22kg (2) 38kg (2) 75kg (3) 95kg (4)	22kg (2) 38kg (2) 75kg (3) 95kg (4)	22kg (2) 38kg (2) 75kg (3) 95kg (4)
Screen resolution	160x1.280px (1) 320x1.280px (2) 480x1.280px (3) 640x1.280px (4)	128x1.024px (1) 256x1.024px (2) 384x1.024px (3) 512x1.024px (4)	100x800px (1) 200x800px (2) 300x800px (3) 400x800px (4)	100x800px (1) 200x800px (2) 300x800px (3) 400x800px (4)
Viewing angle (horizontal x vertical)	>160° x 140°	>160° x 140°	>160° x 140°	>160° x 140°
Minimum viewing distance	>1.5m	>2m	>2.5m	>2.5m
Operating temperature range	-5℃ ~ +45℃	-5℃ ~ +45℃	-5℃ ~ +45℃	-5℃ ~ +45℃
Storage temperature range	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃
Operating humidity	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
Power input frequency	50~60Hz	50~60Hz	50~60Hz	50~60Hz
Average power	<105W~200W	<105W~200W	<105W~200W	<105W~200W
Max power	<360W~650W	<360W~650W	<360W~650W	<360W~650W
Active PFC	YES	YES	YES	YES
Load tolerance[2]	25% min.	25% min.	25% min.	25% min.
Cooling	Passive cooling	Passive cooling	Passive cooling	Passive cooling
Product color[3]	Grey (RAL 7016)	Grey (RAL 7016)	Grey (RAL 7016)	Grey (RAL 7016)
Other				
Internal player	YES	YES	YES	YES
Combined screen function	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
Brightness adjustment	Automatic & manual	Automatic & manual	Automatic & manual	Automatic & manual
Dead pixel monitoring	N/A	N/A	N/A	N/A
Module monitoring	N/A	N/A	N/A	N/A
Temperature monitoring	YES	YES	YES	YES
Signal path backup	YES	YES	YES	YES
Signal transmission	CAT or Fiber Optic	CAT or Fiber Optic	CAT or Fiber Optic	CAT or Fiber Optic
Standby scheduling	YES	YES	YES	YES
Power on/off scheduling	Optional	Optional	Optional	Optional
Power saving mode	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
Options				
*The mechanical and electronic specification options are available.				

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TECHNICAL SPECIFICATIONS

Compact
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	INDOOR	INDOOR	INDOOR	SEMIOUTDOOR
	LUCISP01.5	LUCISP01.8	LUCISP02.5	LUCOSP02.5
General				
Operating environment	indoor	indoor	indoor	semioutdoor
Pixel pitch	1.5mm	1.8mm	2.5mm	2.5mm
Service type	front access	front access	front access	front access
Calibrated brightness (nits)	600nits	600nits	600nits	3.000nits
Lamp type[1]	COB Micro LED	COB Micro LED	SMD	SMD
Lifespan (hours at %50 brightness)	>80.000hours	>80.000hours	>80.000hours	>80.000hours
White color calibration (adj.)	3.500K~8.500K	3.500K~8.500K	3.500K~8.500K	3.500K~8.500K
Gray scale	>13bits	>13bits	>13bits	>13bits
Brightness control	256 level	256 level	256 level	256 level
Product Specifications				
Refresh frequency	3.840Hz	3.840Hz	3.840Hz	3.840Hz
LED drive method	dynamic	dynamic	dynamic	dynamic
Module material	plastic	plastic	plastic	plastic
PCB type	multilayer	multilayer	multilayer	multilayer
PCB surface coating	humiseal	humiseal	humiseal	humiseal
Product material	aluminum	aluminum	aluminum	aluminum
Screen dimensions (mm)	640x1.920 (1) 960x1.920 (2)	640x1.920 (1) 960x1.920 (2)	640x1.920 (1) 960x1.920 (2)	640x1.920 (1) 960x1.920 (2)
Product depth	58mm	58mm	58mm	58mm
Diagonal Size	-	-	-	-
Aspect Ratio	5.3:16 (1) 8:16 (2)	5.3:16 (1) 8:16 (2)	5.3:16 (1) 8:16 (2)	5.3:16 (1) 8:16 (2)
IP Level	IP20/IP40	IP20/IP40	IP20/IP40	IP20/IP40
Product weight (~single side)	55kg(1) 82kg (2)	55kg(1) 82kg (2)	55kg(1) 82kg (2)	55kg(1) 82kg (2)
Screen resolution	416x1.248px (1) 624x1.248px (2	344x1.032px (1) 516x1.032px (2	256x768px (1) 384x768px (2	256x768px (1) 384x768px (2
Viewing angle (horizontal x vertical)	>160° x 140°	>160° x 140°	>160° x 140°	>160° x 140°
Minimum viewing distance	>1.5m	>1.8m	>2.5m	>2.5m
Operating temperature range	-5℃ ~ +45℃	-5℃ ~ +45℃	-5℃ ~ +45℃	-5℃ ~ +45℃
Storage temperature range	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃
Operating humidity	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
Power input frequency	50~60Hz	50~60Hz	50~60Hz	50~60Hz
Average power	<105W~200W	<105W~200W	<105W~200W	<105W~200W
Max power	<360W~650W	<360W~650W	<360W~650W	<360W~650W
Active PFC	YES	YES	YES	YES
Load tolerance[2]	25% min.	25% min.	25% min.	25% min.
Cooling	Passive cooling	Passive cooling	Passive cooling	Passive cooling
Product color[3]	Grey (RAL 7016)	Grey (RAL 7016)	Grey (RAL 7016)	Grey (RAL 7016)
Other				
Internal player	YES	YES	YES	YES
Combined screen function	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
Brightness adjustment	Automatic & manual	Automatic & manual	Automatic & manual	Automatic & manual
Dead pixel monitoring	N/A	N/A	N/A	N/A
Module monitoring	N/A	N/A	N/A	N/A
Temperature monitoring	YES	YES	YES	YES
Signal path backup	YES	YES	YES	YES
Signal transmission	CAT or Fiber Optic	CAT or Fiber Optic	CAT or Fiber Optic	CAT or Fiber Optic
Standby scheduling	YES	YES	YES	YES
Power on/off scheduling	Optional	Optional	Optional	Optional
Power saving mode	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
Options				
*The mechanical and electronic specification options are available.				

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ALWAYSBRIGHT

SCAN for more

LEDUP BROCHURE

APRON TEKNOLOJİ A.Ş. | LEDECA GmbH | ALTUM ALTUM BİLGİ VE İLETİŞİM TEKNOLOJİLERİ A.Ş. | ORKU METAL A.Ş.