ULTRA
LDAIMP00.9UL

FULL FLIP CHIP MICROLED SCREEN PANEL FOR
HIGH PRECISION & HIGH DEFINITION
LEDWALL PROJECTS

Armour
LEDECA

- Ultra quality for ultra high definition requirements
- Optimized for meeting room and broadcast studio installations
- Fanless design without noise
- Super high gray scale and refresh rate
- High reliability and stability for 7/24 operation
- Special mask design to reduce moire effect in broadcast studio projects

KANYON HOLDING
ISTANBUL / TÜRKİYE

General

Operating environment	indoor
Pixel pitch	0,93mm
Service type	front access
Calibrated brightness	>1.200nits
Lamp type	Flip Chip MIP
Lifespan (hours at %50 brightness)	>100.000hours
White color calibration (adj.)	3.000K~8.500K
Gray scale	>16bits
Brightness control	256 level
Screen surface temprature(°C)	~38.4°C @600nits

Module Specifications

Module material	Aluminum
Refresh frequency	7.680Hz
LED drive method	dynamic
Module material	aluminum
Module type	apparent
PCB type	multilayer
PCB surface coating	humiseal

Panel Specifications

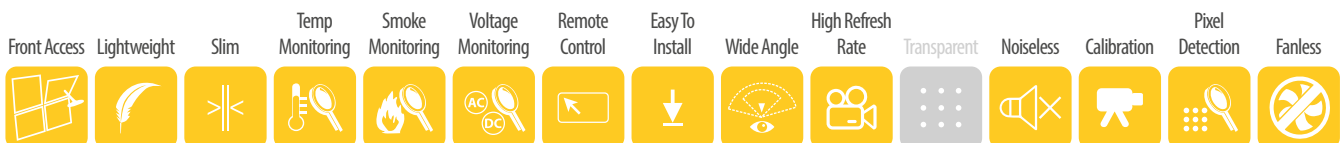|	
Panel material	aluminum
Panel dimensions (mm)[1]	600x337.5
Diagonal size	27"[16:9]
Panel weight	<5kg
Panel resolution	640x360px
Viewing angle (horizontal x vertical)	>175°x175°
Minimum viewing distance	>1m
Operating temperature range	0°C ~ +50°C
Storage temperature range	-20°C ~ +60°C
Operating humidity	10% ~ 90% non-condensing
Power input voltage	110 ~ 240 VAC
Power input frequency	50 ~ 60 Hz
Average power per sqm	<80W
Max power per sqm	<360W
Active PFC	YES
Load tolerance[2]	25% min.
Panel installation type	Fixed installation
Cooling	Passive cooling

Other

Positioning pin	YES
Max input resolution	FHD, UHD, 4K, 8K
Standard video sources[3]	All digital formats
Brightness adjustment	Automatic & manual
Death pixel monitoring	Optional
Module monitoring	YES
Temperature monitoring	YES
Smoke monitoring	Optional
Voltage monitoring	YES
Power redundancy	N/A
Signal path backup	YES
Signal transmission	CAT or Fiber Optic
Standby scheduling	YES
Safety rope	YES
Impact resistance	Very high
Power on/off scheduling	Optional
Power saving mode	YES
Flame retardancy	Passed BS476-7 CLASS B test
Certification	CE-EMC, CE-LVD, RoHS, FCC

Options

*The mechanical and electronic specification options are available.

1- Panel dimensions can change upon customer request
2- That value is the remain capacity of PSU's at 100% brightness and white color content
3- Different types of video input available as option

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

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