

P2.5

OUTDOOR FINE PITCH LED SCREENS FOR
DIGITAL OUT-OF-HOME MESSAGING &
PROFESSIONAL INSTALLATIONS



- New generation full-flip chip microLED technology
- Adjustable brightness optionally up to 6.500 nits
- Production level calibration for best color uniformity
- Aluminum fanless design for high performance under extreme conditions
- Lightweight for easy adaptation and low cost framework design
- Lower power consumption with common-cathode technology



- 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

IDEAL FOR

- DOOH Advertising
- Shopping Malls
- Stadiums
- Corporate Buildings
- Transport Hubs
- Control Rooms

ADVANCED FEATURES

- 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

TECHNICAL SPECIFICATIONS

GENERAL	
Chipset	: ICND1065L - 2153S Chipone
Operating environment	: outdoor
Pixel pitch	: 2.5mm
Service type	: rear access
Calibrated brightness (nits)	: 6.000 nits
Lamp type	: SMD
Lifespan (hours at %50 brightness)	: >100.000 hours
White color calibration (adj.)	: 3.500K-8.500K
Gray scale	: >16 bits
Brightness control	: 256 level

MODULE SPECIFICATIONS	
Module dimensions (mm)	: 320x160
Refresh frequency	: adjustable
Module resolution	: 128x64px
LED drive method	: dynamic
Module material	: plastic (PC)
Module type	: apparent
PCB type	: multilayer
Surface coating	: UV resistant & high contrast

PANEL SPECIFICATIONS	
Panel material	: minium
Panel paint	: ES powder coated
Panel dimensions (mm)	: 960x960
Panel depth	: 70mm
IP level	: IP67 front, IP54 rear
Panel weight	: >30 kg
Panel resolution	: 384x384px
Pixel density (pcs/sqm)	: 147.456
Viewing angle (horizontal x vertical)	: >120°x120°
Minimum viewing distance	: >2.5m
Operating temperature range	: -15°C ~ +45°C
Storage temperature range	: -40°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	: <150W
Max power per sqm	: <650W
Active PFC	: YES
Load tolerance	: 25% min.
Panel installation type	: Fixed installation
Cooling	: Internal fan

OTHER	
Max input resolution	: FHD, UHD, 4K, 8K
Standard video sources	: 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
Power on/off scheduling	: Optional
Power saving mode	: YES
Certification	: CE-EMC, CE-LVD, RoHS,FCC

OPTIONS	
Contrast ratio	: 10.000:1
Higher Brightness - CLX	: 6.500 nits
Corner installation	: N/A



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