

P1.8

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



LEDGARANTI OUTDOOR
FINE PITCH SOLUTIONS

- 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 -ICN2153S Chipone
Operating environment	: outdoor
Pixel pitch	: 1.86mm
Service type	: front access
Calibrated brightness (nits)	: 3.800 nits
Lamp type	: Flip-Chip Micro
Lifespan (hours at %50 brightness)	: >80.000 hours
White color calibration (adj.)	: 3.500K-8.500K
Gray scale	: >24 bits
Brightness control	: 256 level

MODULE SPECIFICATIONS	
Module dimensions (mm)	: 160x360
Refresh frequency	: 3.840Hz
Module resolution	: 86x192px
LED drive method	: dynamic
Module material	: plastic (PC)
Module type	: sealed
PCB type	: multilayer
Surface coating	: UV resistant & high contrast

PANEL SPECIFICATIONS	
Panel material	: aluminum
Panel paint	: ES powder coated
Panel dimensions (mm)	: 640x360
Panel depth	: 70mm
IP level	: IP65 rear
Panel weight	: 8.5 kg
Panel resolution	: 344x192px
Pixel density (pcs/sqm)	: 286.666
Viewing angle (horizontal x vertical)	: 175° x 160°
Minimum viewing distance	: >1.8m
Operating temperature range	: -20°C ~ +40°C
Storage temperature range	: -30°C ~ +60°C
Operating humidity	: 10% ~ 80% non-condensing
Power input voltage	: 100 ~ 240 VAC
Power input frequency	: 50-60Hz
Average power per sqm	: <200W
Max power per sqm	: <600W
Active PFC	: YES
Load tolerance	: 25% min.
Panel installation type	: Fixed installation
Cooling	: Passive cooling without 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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