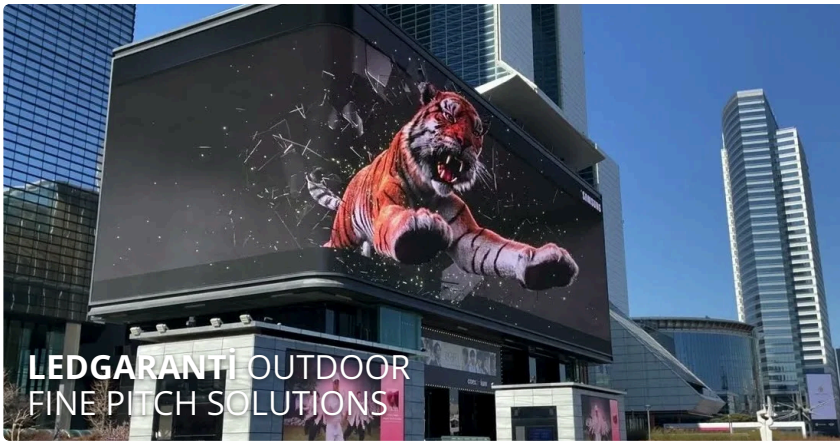


# P5.7

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 -ICN2153S Chipone |
| Operating environment              | : outdoor                     |
| Pixel pitch                        | : 5.7mm                       |
| Service type                       | : front and rear access       |
| Calibrated brightness (nits)       | : 8.500 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) | : 480x320                      |
| Refresh frequency      | : 3.840Hz                      |
| Module resolution      | : 84x56px                      |
| LED drive method       | : dynamic                      |
| Module material        | : aluminum                     |
| 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)                 | : 960x960                     |
| Panel depth                           | : 94mm                        |
| IP level                              | : IP67 front, IP65 rear       |
| Panel weight                          | : <29 kg                      |
| Panel resolution                      | : 168x168px                   |
| Pixel density (pcs/sqm)               | : 30.625                      |
| Viewing angle (horizontal x vertical) | : >160° x 140°                |
| Minimum viewing distance              | : >5m                         |
| Operating temperature range           | : -20°C ~ +60°C               |
| Storage temperature range             | : -25°C ~ +60°C               |
| Operating humidity                    | : 10% ~ 90% non-condensing    |
| Power input voltage                   | : 110 ~ 240 VAC               |
| Power input frequency                 | : 50-60Hz                     |
| Average power per sqm                 | : <140W                       |
| Max power per sqm                     | : <650W                       |
| 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 | : 8.500 nits         |
| Corner installation     | : 90-degree / curved |



LedGaranti reserves the right to change any product specification, discontinue of any product or services without prior notice. The icons above indicate optional features.

[www.ledgaranti.com.tr](http://www.ledgaranti.com.tr)