# P1.9

*HIGH-REFRESH RENTAL LED SCREENS FOR CONCERTS, EVENTS & BROADCAST STAGES*

Ürün görseli buraya

- 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

Yaşam tarzı / araba görseli buraya

LEDGARANTİ STAGE RENTAL 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

- Concert & Live Show
- Events & Festivals
- Broadcast Studio
- Theater & Stage
- Corporate Events
- Touring & Rental

## 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

| | | |
|---|---|---|
| Operating environment | : | indoor |
| Pixel pitch | : | 1.9mm |
| Service type | : | front and rear access |
| Calibrated brightness (nits) | : | 800~1.000 nits |
| Lamp type | : | 4in1 MiniLED |
| 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) | : | 250x250 |
| Refresh frequency | : | 3.840Hz |
| Module resolution | : | 128x128px |
| LED drive method | : | dynamic |
| Module material | : | plastic (PC) |
| Module type | : | sealed |
| PCB type | : | multilayer |
| PCB surface coating | : | humiseal |

### PANEL SPECIFICATIONS

| | | |
|---|---|---|
| Panel material | : | die-casting aluminum |
| Panel paint | : | ES powder coated |
| Panel dimensions (mm) | : | 500x500 |
| IP level | : | IP22 front and rear |
| Panel weight | : | <8 kg |
| Panel resolution | : | 256x256px |
| Pixel density (pcs/sqm) | : | 262.144 |
| Viewing angle (horizontal x vertical) | : | >120° x 120° |
| Minimum viewing distance | : | >2m |
| 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 | : | <120W |
| Max power per sqm | : | <600W |
| Active PFC | : | YES |
| Load tolerance | : | 25% min. |
| Panel installation type | : | Rental type |
| Cooling | : | Passive cooling |

### 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 |

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