**LPDISPLAY**

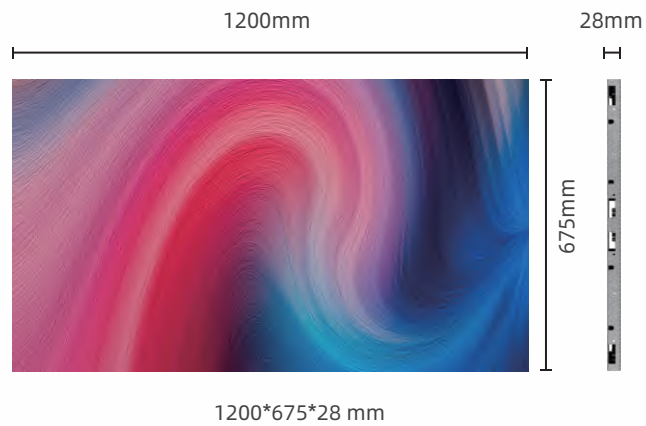THE LEADER AND CREATOR OF FLIP CHIP DISPLAY PANEL

# 54"MEGA Series

## Large size Full Flip Chip  COB display

## PRODUCT OVERVIEW

Full available pixel pitch 0.6/0.7/0.9/1.2/1.5/1.8

97% DCI-P3 color gamut optional

HDR function options for HDR10&HLG

3000-3500nit high brightness options for semi outdoor

1000*675*28mm large size panel design, less splicing gap, better flatnees and reduce installation time

Super slim cabinet with thickness only 28mm,create an ultra-thin display experience

Full Flip Chip common cathode design, reduce power consumption, promote environmental protection

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**LPDISPLAY**

# Product size

1200mm

28mm

675mm

1200*675*28 mm

# Configured with the Most Advanced Drive IC

▲ Common cathode PWM constant current driver IC, energy saving

▲ Large channel , integrated column and vertical control IC, less IC,less heat dissipation

▲ High gray level 16bit, work with control system can be 22bit+ color processing depth

XM

# Full Flip Chip  common cathode COB Panel

▲ Full flip chip, no welding pad block, high luminous eiciency, and wider view angle.

▲ No welding wire, reduce the failure rate of the lamp bead.

▲ common cathode design, reduce power consumption, green and environmental protection.

# HDR SUPPORT

## Wider View Angle

Flip chip COB makes wider view angel 170°/170°



170°

## Super high contrast ratio

20,000:1 ultra high contrast ratio make the effective more vivid



LP DISPLAY

OTHERS

# Large size cabinet design



1200*675mm*1

VS

600*337.5mm*4

Large-size cabinet design

Reduce splicing gaps

Reduce installation time

Save labor cost

# COB package Protection



Anti-collision

Anti-oxidation

Moisture-resistant

Easy clean

Anti-static

# Light weight design

light weight design,save your labor cost during installation



# Universal bracket with LCD



Cabinet install can directly use the 54'' LCD bracket ,no need new structure, reduce cost.

# Semi outdoor apply optional

3000-3500nits high brightness version can be used for semi outdoor application like: shopwindow, platform,road indicator





Market



Boardroom



Drawing Room



Big Data Screen



Exhibition Hall



Museum

# 54'' MEGA Series Specification

| Categories | Model | C6J06 | C6J07 | C6J09 | C6J12 | C6J15 | C6J18 |
|---|---|---|---|---|---|---|---|
| **Physical Parameters** | Pixel Pitch(mm) | 0.625 | 0.78125 | 0.9375 | 1.25 | 1.5625 | 1.875 |
| | Pixel Configuration | COB | | | | | |
| | Pixel Density (dots/m ) | 2,560,000 | 1,638,400 | 1,638,400 | 640,000 | 409,600 | 284,444 |
| | Cabinet Size (W×H×D) | 1200 × 675 × 28mm² | | | | | |
| | Cabinet Resolution (W×H) | 1920× 1080 | 1536× 864 | 1280 × 720 | 960 x 540 | 768× 432 | 640× 360 |
| | Cabinet Material | Die-cast aluminum | | | | | |
| | Module Size (W×H) | 150 × 168.75 mm | | 150 × 168.75 mm/300 × 168.75 mm | | | |
| | Weight | 18.6 kgs/cabinet; 23kgs/m² | | | | | |
| **Optical Parameters** | Viewing Angle | 170° (V) I 170° (H) | | | | | |
| | Surface Treatment | Black matte | | | | | |
| | Brightness (cd/m ) | 1000 | | | | | |
| | Brightness Uniformity | ≥98% | | | | | |
| | Contrast | 20,000 : 1 | | | | | |
| | Refresh Rate | 3840Hz | | | | | |
| | Gray Scale | 14~ 16 bit | | | | | |
| | Color Calibration | Pixel to Pixel | | | | | |
| | Color Temperature | 2000~10000K | | | | | |
| | Color Gamut | ≥97% DCI-P3 optional | | | | | |
| | HDR | HLG / HDR I/HDR 10+ | | | | | |
| **Electrical Parameters** | A.C. Inputs | 100 ~ 240 V | | | | | |
| | Frame | 50 / 60 hz | | | | | |
| | Power Consumption (Max.) | 450 W/m² | | | | | |
| | Power Consumption (Avg.) | 150 W/m² | | | | | |
| | Redundancy | Optional | | | | | |
| **Application** | Serviceability | Front | | | | | |
| | Operation Temperature | -10°C ~ 40°C | | | | | |
| | Operation Humidity | 10%～90%RH | | | | | |
| | Ingress Protection | Ip54 front/IP20 rear | | | | | |
| | Exterior/Interior | Interior | | | | | |
| | Lifespan | 100,000 hrs | | | | | |
| **Others** | Certificates | CE, FCC, CB , ETL | | | | | |
| | Packing | Wooden box | | | | | |

# SHENZHEN LP DISPLAY

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