

# 3DP - CDS Transparent 3D LCD Displays



Immersive dual layer transparent technology

**CDS**  
Crystal Display Systems Ltd



# What is 3DP technology?



## The Power of Dual Layered Transparent Displays

Experience the innovation of a front transparent LCD panel combined with a rear high brightness monitor. In transparent installations, backlighting requirements can pose challenges, but with 3DP, a new opportunity arises. Our rear high brightness display, reaching up to 3,000 nits, provides a robust backlight for the transparent panel while creating a captivating mood background. Discover a new level of visual excellence with our dual layered transparent display technology.

## Team Work - The Perfect Pair



Witness the perfect synergy of our front transparent LCD and rear high brightness displays, featuring matched polarizers that work harmoniously as a pair. Together, they bring forth a captivating 3D effect, elevating your experience to new heights. Prepare to immerse yourself in a whole new level of transparency, ideal for 3D models and beyond. Embrace the seamless collaboration of our dynamic display duo and unlock a world of endless possibilities.

## Seamless Integration Simplified



Embrace our component-style technology for effortless integration. Our transparent LCD comes as a convenient panel with a board on frame, available in both panel and "L" shaped designs, perfectly suited for portrait or landscape installations. On the other hand, our high brightness display is thoughtfully designed as an "open framed" monitor. For an interactive masterpiece, explore our touch overlays, adding a captivating layer of interactivity to your transparent experience. Discover the ease and versatility of our transparent 3DP technology, ready to enhance your installations with style and functionality.

# WHY CHOOSE THE CDS 3DP?

## TRANSPARENT 3DP SOLUTION

Dual Display to create an immersive 3D transparent experience

1

### REVOLUTIONARY

A modern technology which will impress all and make you stand out from the crowd. The perfect technology to create a 3D lifesize model

2

### DESIGN HACK

Easy way to add a strong backlight as well as adding another layer to the display. The rear high bright screen offering a mood background

3

### FLEXIBLE

Available from 21.5" ~ 86", in landscape and portrait, no need for software or glass. Additional LED lighting can be added in integration as well as objects between the two screens if desired

4

### SIMPLE SET UP

We have made integration easy for customers with the board on frame transparent LCD and open frame high bright design. Each display is driven separately via HDMI which you can connect to your PC or media player.

5

### INTERACTIVE

Add an interactive layer by adding a PCAP touch overlay, creating an even more immersive display

AMAZING



# How to get started with 3DP



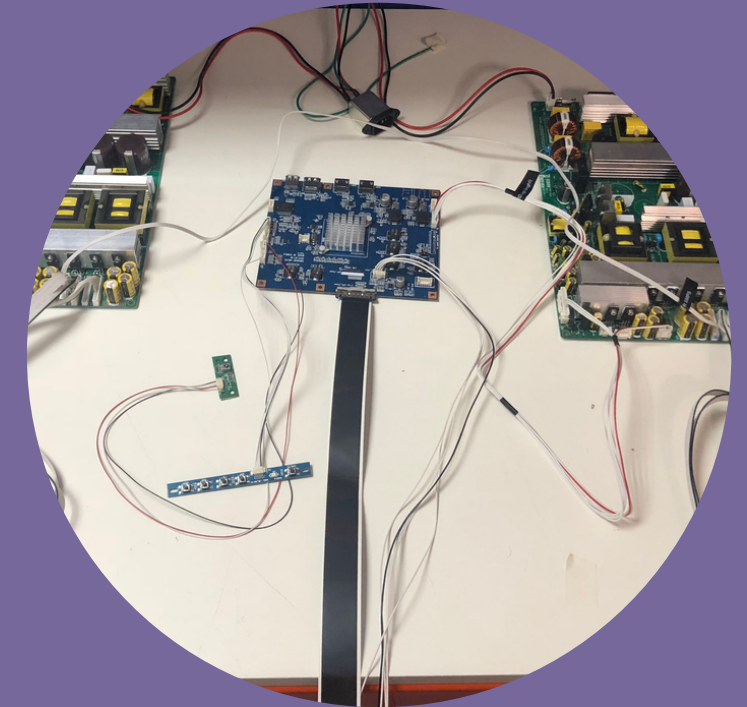
## Choose your screen size

We can accommodate sizes from 21.5" to 86" in landscape or portrait. Smaller screen sizes are paired with high bright monitors of 1,500 nits. Larger screen sizes will have 3,000 nits brightness.



## Consider your content

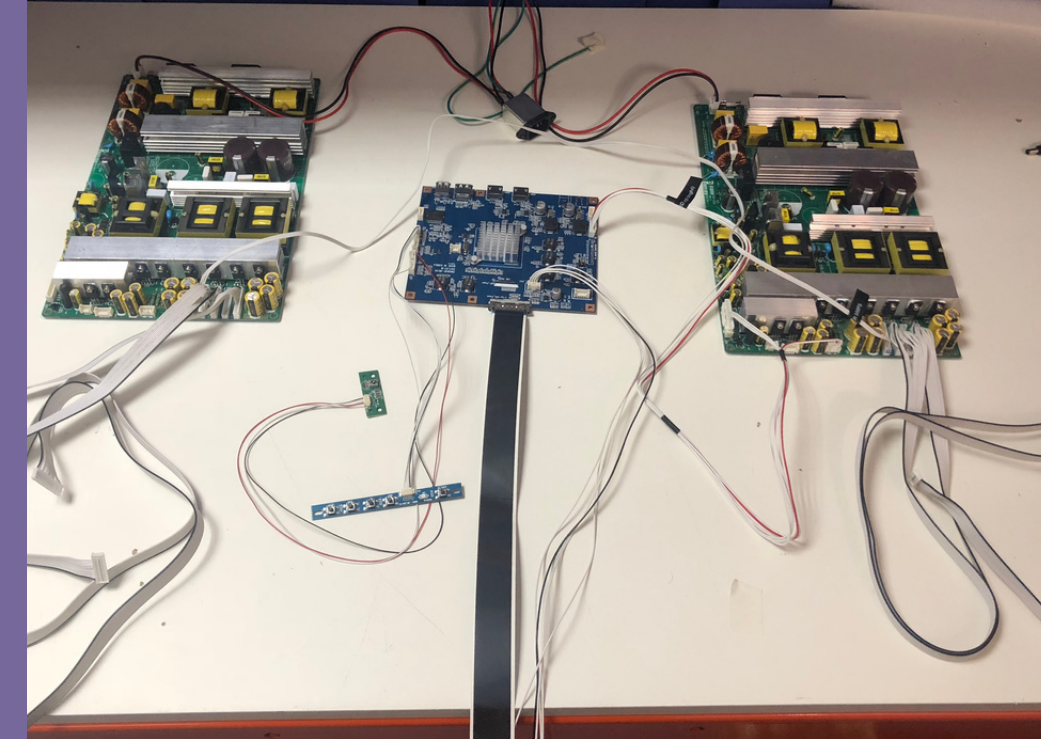
Will your content be interactive? In which case we offer PCAP touchscreens, What will you include on the "mood" background on the high bright monitor? Considering it will need to be predominately white. The content on the rear should not be too detailed as it may cause refraction and affect the front screen.



## Design your installation

After deciding and ordering, you will have approx 6 weeks to wait for your delivery. 6 whole weeks to design and fabricate your enclosure and set up. Many customers wait until receiving the displays.





# Transparent 3DP components in action





# Our other Transparent Offerings which may get you thinking...



Transparent LCD  
Components for  
integration

From 12.1" to 86" with PCAP touch  
overlays, LED backlight needed



Finished  
Transparent LCD  
Showcase Boxes

Complete solutions from  
12.1" to 43"



Transparent LED  
Glass

For transparent window  
displays which can be  
built up to any size!



# For more information and quotes Contact Us

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