

Opportunities For VR-Ready TFT-LCD Panels

<https://marketpublishers.com/r/O5D1C00521AEN.html>

Date: May 2017

Pages: 14

Price: US\$ 1,400.00 (Single User License)

ID: O5D1C00521AEN

Abstracts

VR (Virtual Reality) sickness has been a major factor affecting the wide-scale adoption of VR HMD (Head Mounted Display) among users. So far, there has been a lot of conjecture about the causes of VR sickness and verification has been made. Among various solutions, the adoption of VR-ready TFT-LCD (Thin Film Transistor-Liquid Crystal Display) panels has been proven effective for resolving VR sickness. However, only some vendors are capable of providing such panels. The scarcity in supply has caught market attention. This report analyzes the latest development of VR-ready panels and examines their opportunities.

Contents

1. FASTER RESPONSE TIME AND HIGHER FRAME RATE CAN EFFECTIVELY SOLVE VR SICKNESS

1.1 Issues Related to VR-ready Panels

1.2 Requirements for VR-ready Panels

2. ADVANTAGES OF AMOLED PANELS LIE IN REDUCING VR SICKNESS

3. DEVELOPMENT OF AMOLED PANELS FOR VR APPLICATIONS ARE MORE AGGRESSIVE THAN LCD PANELS

3.1 SDI Focuses on Cooperation with Leading VR Vendors

3.2 Chinese Panel Vendors Focus on VR-ready AMOLED Panels

3.3 Japanese Vendors Taking Aggressive Stance towards VR-ready TFT-LCD Panels

3.4 TFT-LCD Panel Vendors Seeking a Larger Share with Higher Resolution

MIC Perspective

APPENDIX

Glossary of Terms

LIST OF COMPANIES

BOE

Everdisplay

HTC

Japan Display

Oculus

Samsung SDI

Sharp

Sony

Tianma Micro-electronic

List Of Tables

LIST OF TABLES

Table 1 Chinese Vendors' VR-ready Panel Deployment

List Of Figures

LIST OF FIGURES

Figure 1 Requirements for VR-ready Panels to Reduce VR Sickness

Figure 2 Flexible AMOLED Holds Major Share of Samsung SDI's Newly-added Production Capacity

Figure 3 VR-ready TFT-LCD Panels Developed by Japanese Vendors

I would like to order

Product name: Opportunities For VR-Ready TFT-LCD Panels

Product link: <https://marketpublishers.com/r/O5D1C00521AEN.html>

Price: US\$ 1,400.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/O5D1C00521AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970