

# **Next Generation TV Market Insight**

https://marketpublishers.com/r/NDA9C903323EN.html Date: May 2013 Pages: 203 Price: US\$ 5,500.00 (Single User License) ID: NDA9C903323EN

# **Abstracts**

From 2010, United States and Europe continued to face problems of astronomical budget deficit and surge in oil price which caused the global economy to fall apart. As a result, consumers around the world had to close their wallets and change their spending patterns by reducing their expenses to minimal sustenance needs. In this circumstance, newly released products are having a hard time gaining sales, as tight budget customers are giving up to replace their old used products by purchasing new products.



# Contents

## 1. OVERVIEW

Display Development Trend
 Historical Trend of TV (1) ~ (3)
 Mega Trend of TV Set
 LCD TV Technical Trend
 TV Market demand Forecast (1) ~ (4) (Over all, 4K2K, OLED)
 What is 4K2K? (1) ~ (4)
 Introduction of 4K2K (1) ~ (6)
 4K2K OLED TV
 4K2K LCD TV (1) ~ (4)
 4K2K Ecosystem (1) ~ (2)

## 2. UPCOMING DISPLAY STATUS & ANALYSIS

- 1) Large Size Future Products (1) ~ (5)
- 2) Panel Maker Plans Large TV Panel
- 3) 4K2K LCD TV Panel Value Chain (Q2??3)
- 4) 4K2K Price Forecast (1) ~ (2)
- 5) 4K2K LCD(LED) vs. FHD OLED
- 6) 4K2K LCD vs. 4K2K OLED
- 7) Curved OLED TV (1) ~ (2)

## 3. TECHNOLOGY ANALYSIS OF 4K2K

### - LCD -

- 1) Conversion (FHD to 4K2K) (1)  $\sim$  (2)
- 2) One Chip Solution 3. Up-Scaling (Up-converting)
- 4) Scaling Technology
- Samsung: Quad-Detail Enhancement
- Sony : X-Reality PRO
- Sharp : ICC(Integrated Cognitive Creation)
- Toshiba : CEVO Engine
- 5) 4K2K Contents
  - Sony
  - Samsung
- 6) 4K2K Mechanical Design(SNB) (1) ~ (4)



### AUO

Innolux

- 7) Backlighting Technology: FHD vs. 4K2K(UHD)
- 8) MMG (Multi Model Glass)
- OLED -
  - 1) OLED Structure (RGB, WHITE, Hybrid)
  - 2) RGB vs White OLED Comparison (SDC vs. LG Display)
  - 3) Sony (4K2K OLED)
  - 4) Panasonic (4K2K OLED)
  - 5) Technology Comparison & Alliance
  - 6) Top Emission
  - 7) Small Mask Scanning Technology
  - 8) AMOLED Manufacturing Technical Roadmap AMOLED Color Patterning Progress
     Breakthrough of Color Patterning
     TFT Backplane Technology for AMOLED
     Comparison of Encapsulation
  - 9) Current Approach for Large OLED TV

# 4. TV PANEL MAKERS STRATEGY AND LINE-UP

- 1) LG Display
- 2) SDC
- 3) AUO (1) ~(3)
- 4) Sharp (1) ~ (3)
- 5) Panasonic (1) ~ (3)
- 6) Innolux (1) ~ (2)
- 7) BOE (1) ~ (3)
- 8) CEC Panda (1) ~ (3)
- 9) COST (1) ~(2)

## 5. TV SET MAKERS STRATEGY AND LINE-UP

- 1) Samsung (1) ~ (10)
  2) LGE (1) ~ (11)
  3) Sony (1) ~ (8)
  4) Panasonic (1) ~ (7)
  5) Sharp (1) ~ (7)
- 6) Toshiba (1) ~ (7)



- 7) Changhong (1) ~ (2)
- 8) Haier/Konka/Skyworth
- 9) Hisense
- 10) TCL
- 11) China local TV makers plan(For May Labor Day)

## 6. INSIGHT OF UPCOMING DISPLAY

- 1) 4K2K Issues
- 2) OLED TV issues
- 3) Issues for Korean Producers(LGE/LG Display)
- 4) Issues for Korean Producers(Samsung/Samsung Display)
- 5) Future Scenario (1)
- 6) Future Scenario (2)
- 7) Future Scenario (3)

### \*APPENDIX

- 1) Panelization for 40??
- 2) TV Panel/Set Makers Business Plan (2012 vs. 2013)
- 3) HEVC(High Efficiency Video Coding)
- 4) Miracast, WIDI, Smart Share (LGE)
- 5) Next generation Broadcasting Roadmap(Korean Government)
- 6) Super Hi-Vision (1)  $\sim$  (3)
- 7) Panasonic (4K2K Tablet)
- 8) Recommend TV Viewing distance (Toshiba)
- 9) Toshiba 4K2K(4Krowud)
- 10) Panasonic (IPS-Pro-Next) (1) ~ (5)
- 11) Panasonic (APD) (1) ~ (3)
- 12) JDI (High Resolution) (1) ~ (3)
- 13) Sharp UVÂ<sup>2</sup>A (1) ~ (2)
- 14) Sharp IDP(Information Display Panel)
- 15) LGE TV Technology (Nano) (1) ~ (2)

### \* SPECIAL SESSION

- 1) Sony Empire (1)
- 2) Sony Empire (2)
- 3) Sony Empire (3)

Next Generation TV Market Insight



+44 20 8123 2220 info@marketpublishers.com

4) Sony Empire (4)



### I would like to order

Product name: Next Generation TV Market Insight

Product link: https://marketpublishers.com/r/NDA9C903323EN.html

Price: US\$ 5,500.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

# Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/NDA9C903323EN.html</u>

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

Custumer signature \_\_\_\_\_

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

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