

Simon WH Hsu Ph.D. | Head of Automotive Solution Business Unit | Oct 26th, 2021



#### AUO at a Glance

Founded in

1996

Display Expertise

25 Years

People

38,000

Named to DJSI World

II Consecutive years
Since 2010

2020 Revenue

US\$ 9.67 B

(NT\$ 271.0B)

Over 1,000

Customer Base Worldwide

### AUO CSR – Global Acknowledgments



Proactively developing high value-added displays in niche markets

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#### Social Concern

#### **Environmental Sustainability**

Member of
Dow Jones
Sustainability Indices
Powered by the S&P Global CSA

DJSI World (US)

Bloomberg
Gender-Equality
ledex
2021

Bloomberg GEI



Leadership Level (UK)

Sustainability Award Bronze Class 2021

Bronze Class(US)



《 Forbes 》 World's Best Employers List

ecovadis

Gold Medal (France)



S&P Global

Top 5% in Corporate
Governance



《HR Asia》 Best Company



ESG Leaders (US)



Taiwan Top 10 Sustainability Exemplary Enterprises Award



《Global Views》 CSR Award



Prime Status (German)

CSR 天下企業公民 《Common Wealth》 CSR Award

《Buying Power》 Social Innovation Products and Services Procurement



Low Risk Rating (Netherlands)

# AUO Display is Everywhere

**NUO** 

Proactively developing high value-added displays in niche markets







square meters total panel area shipment in 2020



**Professional** 





Medical

Industrial **Application** 

Wearable







## Innovative Capacity



Applied for 27,900 patents and obtained 20,900 patents, with 99% invention ones



#### AUO Around the Globe







Manufacturing Base

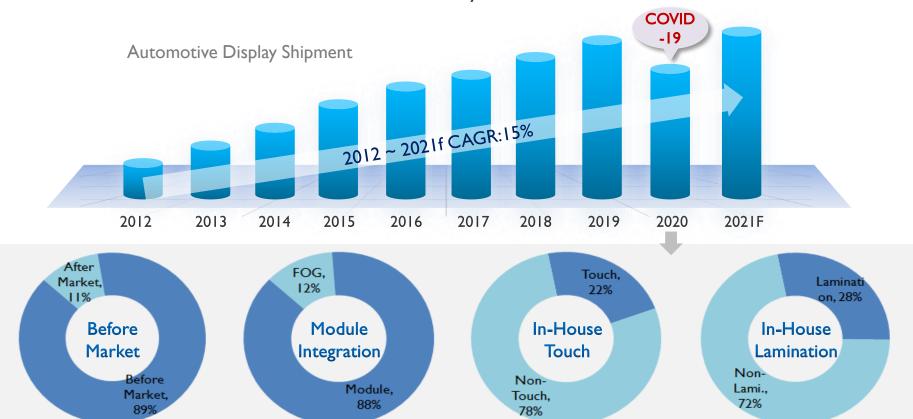
**Business Office** 

HQ

## AUO Automotive Display - Our Growth



We've here in automotive field for more than 10 years.



## AUO Automotive Display – Our Product



As the key enabler for future digital cockpit, we are WW Top-3 automotive display supplier with WW No. I leading position for CID (Central Information Display).



### AUO Automotive Display - Our View



- - ➤ More interior space by electrification
  - > More entertainment by autonomous driving
    - More expectation from consumer electronics
- Trend-2: New Way of Information Display
  - Projection (HUD + AR)
  - ➤ Reflection (Windshield Display)
  - > Display on Demand (Transparent / Rollable)
- > Trend-3: Display as Main Human-Machine Interface (HMI)
  - Touch becomes mandatory
    - ➤ Integration of sensor, camera, lighting, voice, etc.

Multi-Screen Integration



**Excellent Picture Quality & Darkness** 



Augmented Reality Head-up Display



Transparent Display



**Driver Monitoring System** 



Car Control thru Display (HMI)



## AUO Automotive Display – Our Technology NO

**Technology** 

Quality

Sustainability

Integrity



**AUO** 

**Automotive** 

**Display** 

Solution

Large Size FIDM

with Lamination



Large Size



Curved



Narrow Border

Human-Machine

Interface



HUD



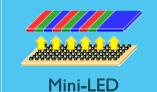
**Sensor Integration** 

Touch & More

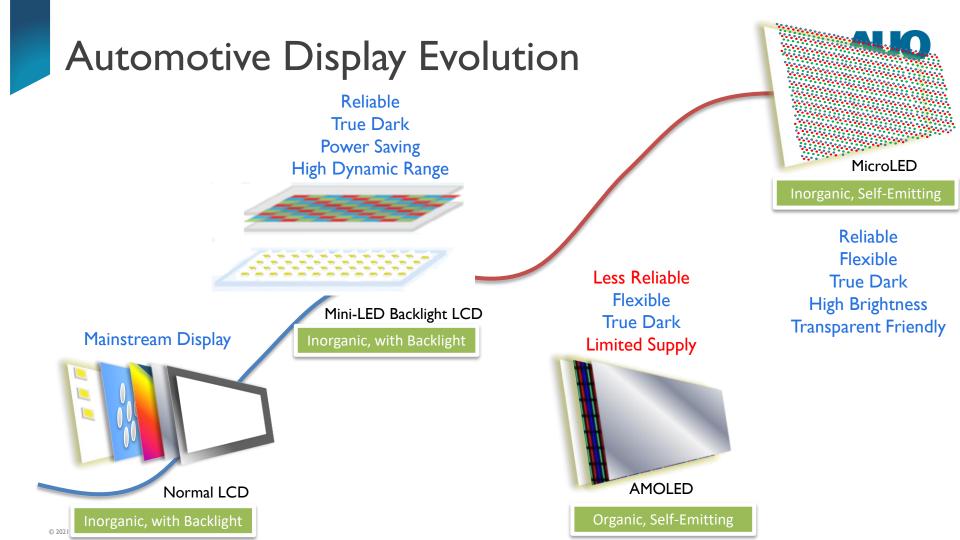
Superior Display

**Performance** 









#### AUO Automotive Mini-LED – AmLED





Long Lifespan & Automotive Reliability





Power Saving (~50%)



High Brightness for Moving Environment
Mini LED luminance >2000nits
OLED ~400nits



High Dynamic Range

Black luminance <0.05nits, high dynamic luminance and contrast ratio. Detail, clearer and close to natural.

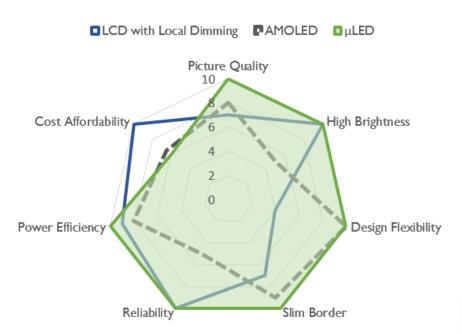


High Ambient Contrast Ratio

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#### **AUO Automotive Micro-LED**











#### Collaboration Platform





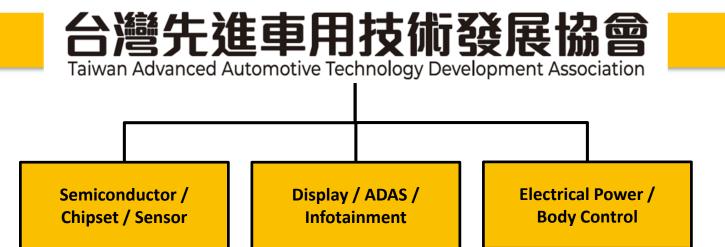












AUO is one of TADA founding members with its purpose to gather Taiwan ICT competency
 & ecosystem for the mega trend of automotive evolution.

