



Ticker: 6732

Sensortek Technology Corp.

Investor Conferences

Disclaimer

- This presentation includes forward-looking statements. All statements, other than statements of historical facts, that address activities, events or developments that Sensortek Technology Corp. expects or anticipates will or may occur in the future (including but not limited to projections, targets, estimates and business plans) are forward-looking statements.
- Sensortek's actual results or developments may differ materially from those indicated by these forward-looking statements as a result of various factors and uncertainties, including but not limited to material cost increase, market demand, change in legal, financial and regulatory frameworks, government policies, financial market conditions, and other risks and factors beyond our control.
- Sensortek does not undertake any obligation to publicly update any forward-looking statement to reflect events or circumstances after the date on which any such statement is made or to reflect the occurrence of unanticipated events.

I. Company Introduction

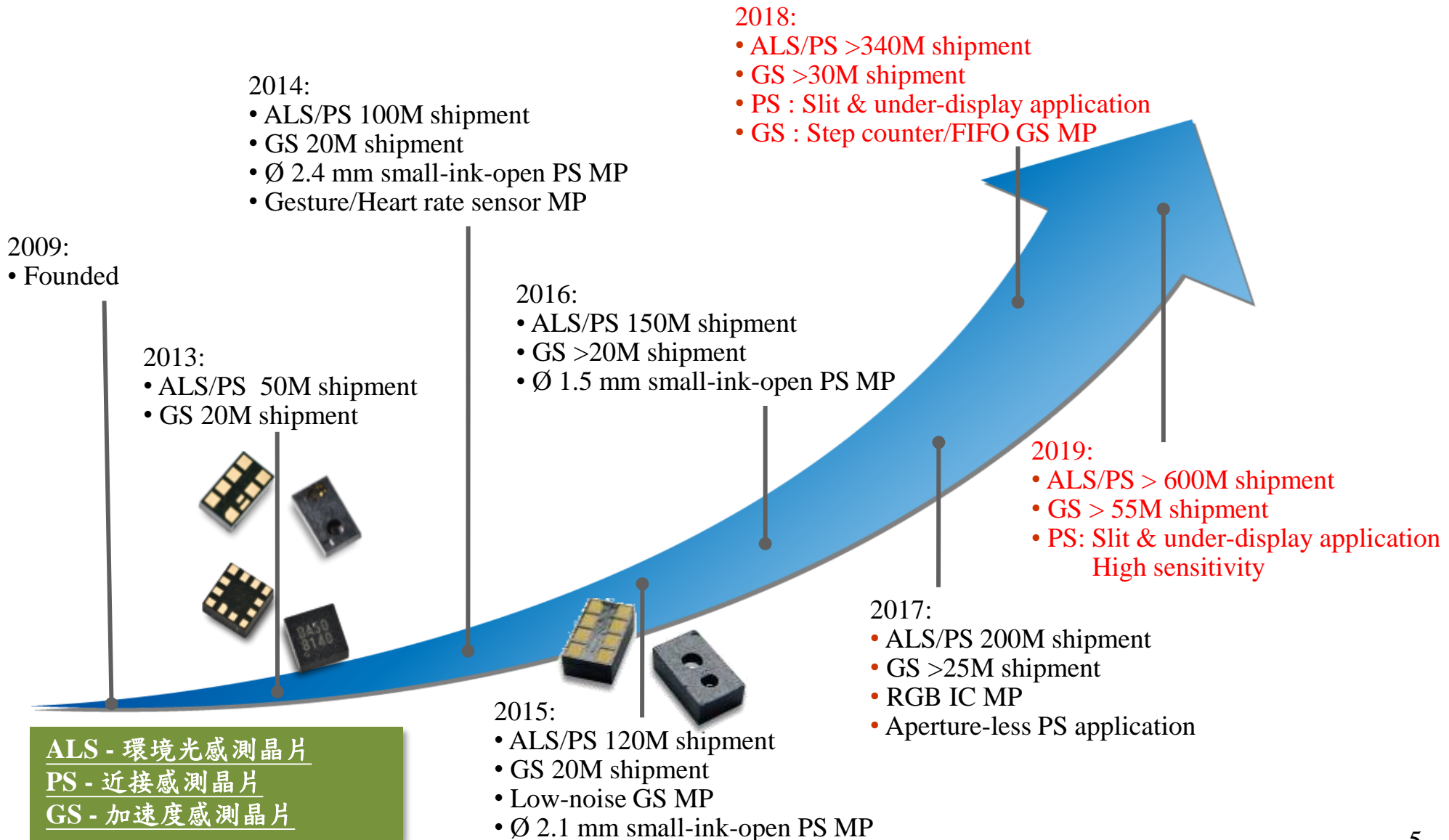
About Us

Company Name	Sensortek Technology Corp.
Founded	December 1, 2009
Capitalization	NT377,813,480
Chairman and CEO	Sheng-Su Lee
Number of Employees	133
Location	Tai Yuen Hi-Tech Industrial Park, Jhubei City, Hsinchu County
Products	<ul style="list-style-type: none">• Optical Sensors<ul style="list-style-type: none">- Ambient Light Sensors (ALS)- Proximity Sensors (PS)- Color Temperature Sensors (RGB)• MEMS Sensors<ul style="list-style-type: none">- Accelerometer Sensors (GS)

Board Members

Title	Name	Education and Experience
Director	LEE, SHENG-SU	M.S., electronic engineering, National Taiwan University President, Sitronix Technology Corp
	MAO, YING-WEN	Institute of Microelectronics, Cheng Kung University General Manager, Sitronix Technology Corp
	YANG, CHU-YUAN	M.S., electronic engineering, National Taiwan University Project Manager, Sitronix Technology Corp General Manager, Sensortek Technology Corp
Director	TSENG, HUA-CHENG	Department of Electronic Engineering, National Taiwan Ocean University Chairman, Magnachip semiconductor Ltd, Taiwan branch
Independent Director	HSU, CHUN-YI	Institute of Business Administration, University of Texas at Austin Executive Director, United Management Consulting Corp
Independent Director	HUANG, SHU-CHUN	Institute of Technology of Management, National Chiao Tung University Strategic Marketing Department Manager, Vanguard International Semiconductor Corp
Independent Director	LU, JEN-CHI	Institute of Accounting, Chung Yuan Christian University Deputy manager, Deloitte Touche Tohmatsu Limited

Milestones



II. Our Products

Optical Sensors

Ambient Light Sensor

→ screen brightness control
 環境光感測晶片 → 調節螢幕亮度



Optical sensor shipment

2017: >200M
 2018: >340M
 2019: >650M

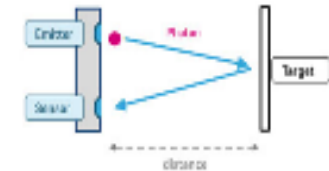
Proximity Sensor

→ turns off the display (anti-touch)
 近接感測晶片 → 關屏(防誤觸)

- PS (w/T) + ALS visible sensor solution
- PS (w/T) + ALS invisible solution
 - ✓ Under-display solution (屏下方案) → AMOLED displays
 - ✓ Slit type (狹縫方案) → TFT displays
- PS (w/T) + RGB

IR Transmitter

→ IR LED or IR Laser (VCSEL)



16:9 screen



Bezel-less screen



ALS / PS Layout Trends

Waterdrop Screen

狹縫(Slit) ALS/PS

狹縫(Slit) PS / 屏下 ALS

前攝旁 ALS/PS

(Aside of Front Facing Camera)



Bezel-less Screen

屏下(Under-display) ALS/PS

狹縫 (Slit) PS / 屏下 Under-display ALS

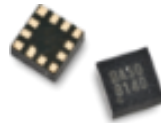


MEMS Sensors

Accelerometer Sensor (GS)

→ Rotation detection

加速度感測晶片 → 屏幕旋轉偵測

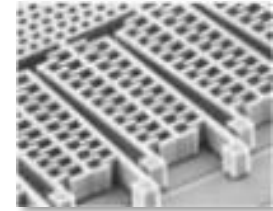


GS shipment

2017: >25M

2018: >30M

2019: >55M



√ GS for smartphones

√ Low-power GS for wearable & IoT devices



Screen rotation



Automatic mute



Game control



Gesture detection



Answering aid



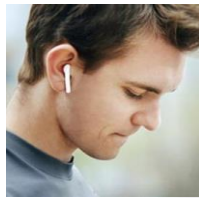
Optical Sensors + G Sensors

Wearable Devices and other Applications

True Wireless Stereo (TWS) earphones

Accelerometer sensor → click detection

P-sensor → on/off switch



FreeBuds 3

Click detection

- Incoming call
Click to answer
Double click to reject
- AI assistant
Click to pause
Double click to switch

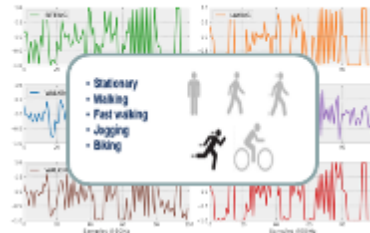
Smart watches & fitness trackers

Accelerometer sensor → motion detection

Optical sensor → heartbeat detection



運動偵測 / 計步
Motion detection



抬手亮屏 / 動態心率輔助
Heartbeat detection

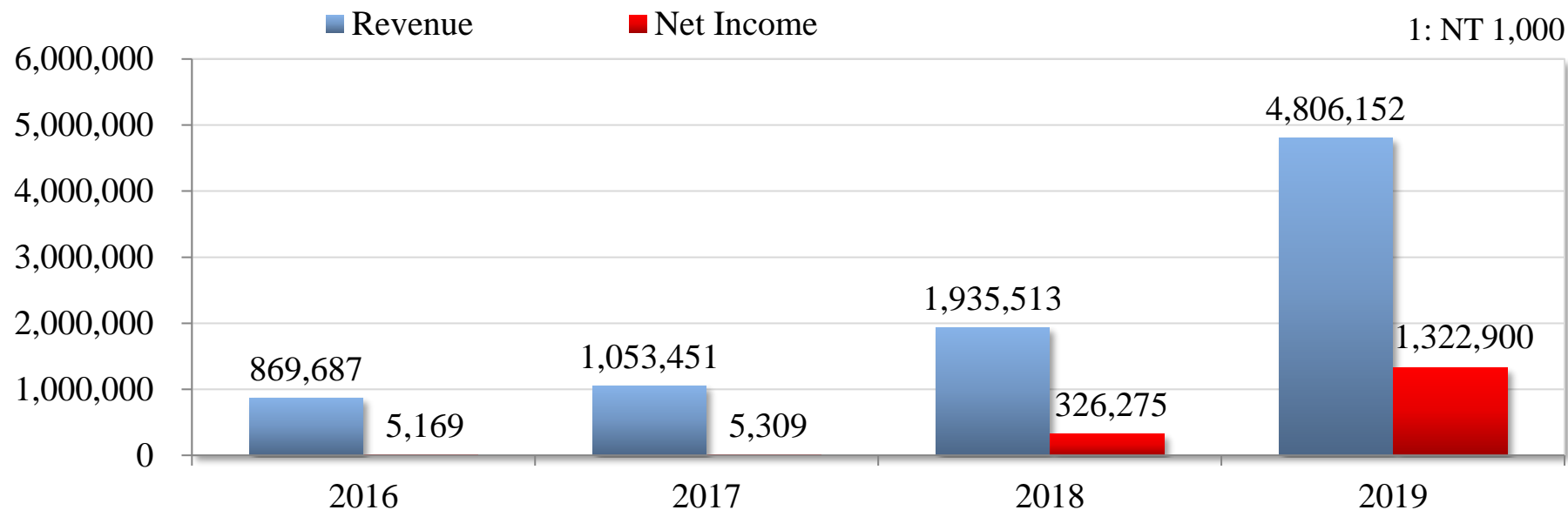


睡眠偵測 / 久坐提醒
Sleep quality monitoring



III. Financial Performance

Financial Performance



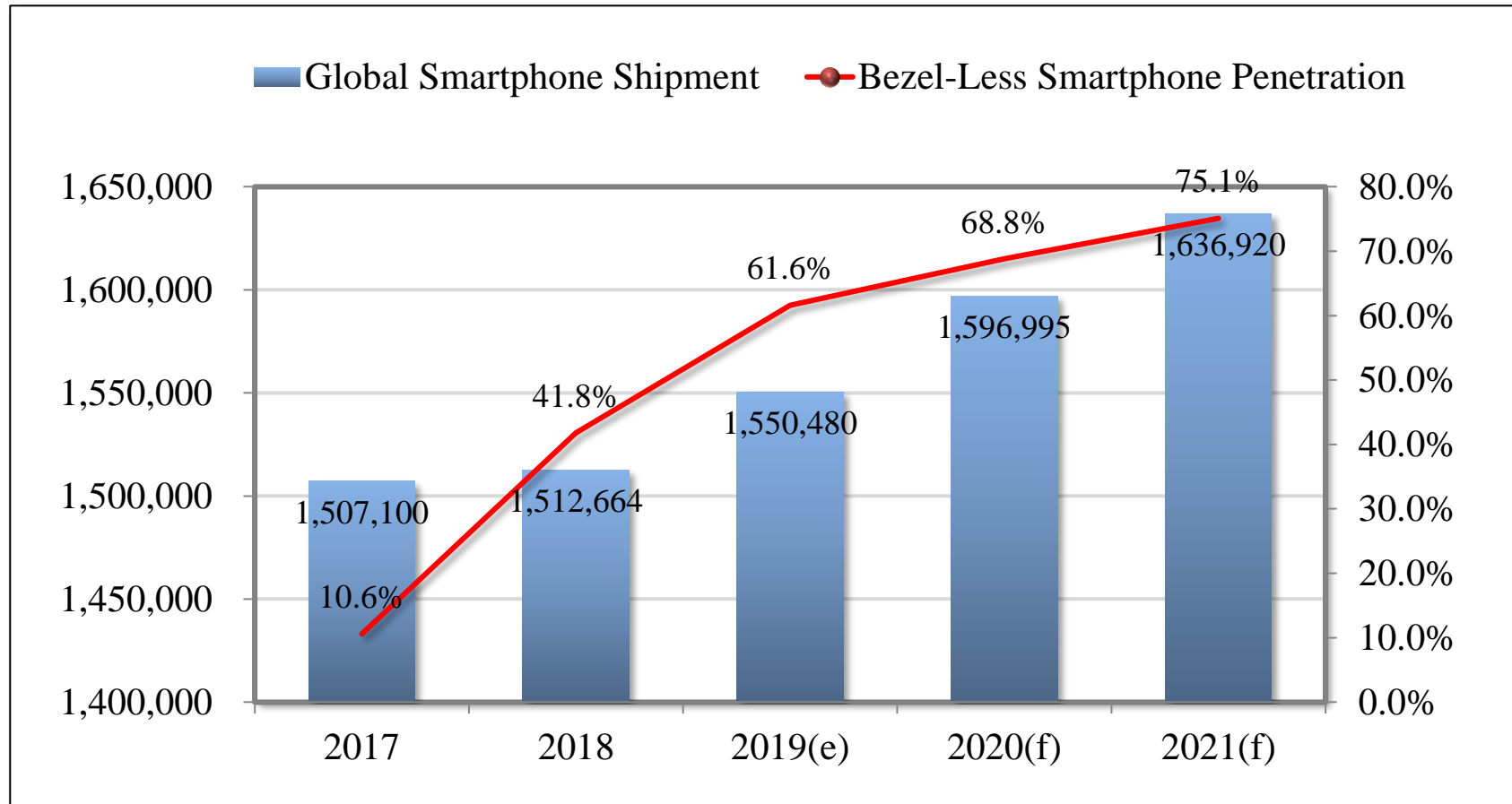
Item	2016	2017	2018	2019
Revenue	869,687	1,053,451	1,935,513	4,806,152
Gross Margin	137,375	158,184	649,442	2,018,872
Gross Margin %	15.80%	15.02%	33.55%	42.00%
Operating Income	4,931	8,751	366,646	1,497,236
EBIT	5,874	5,601	372,357	1,508,063
Net Income	5,169	5,309	326,275	1,322,900
EPS (NT Dollars)	0.14	0.14	8.64	35.01

Note: EPS is adjusted by current capital 37,781 thousand shares.

IV. Market Trends and Positioning

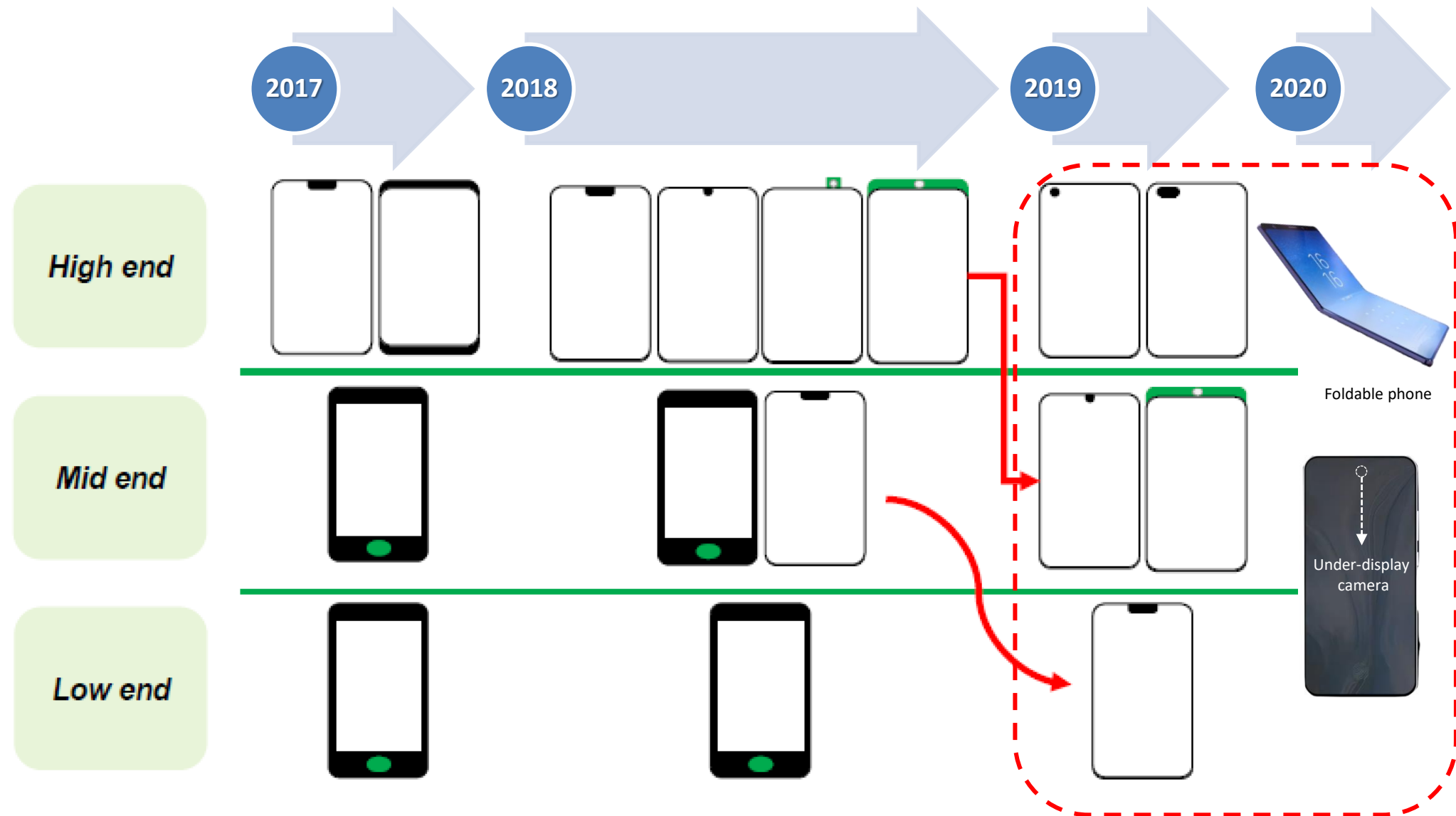
Smartphone Market Scale & Trends

1: 1,000

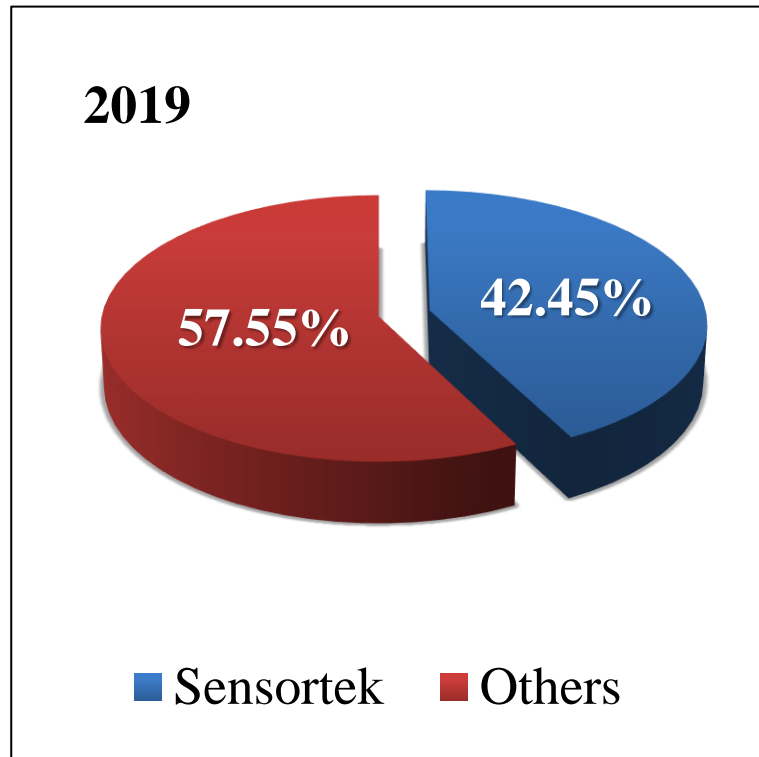


Source: IEK

Bezel-less Smartphones: The Under-Display Solution

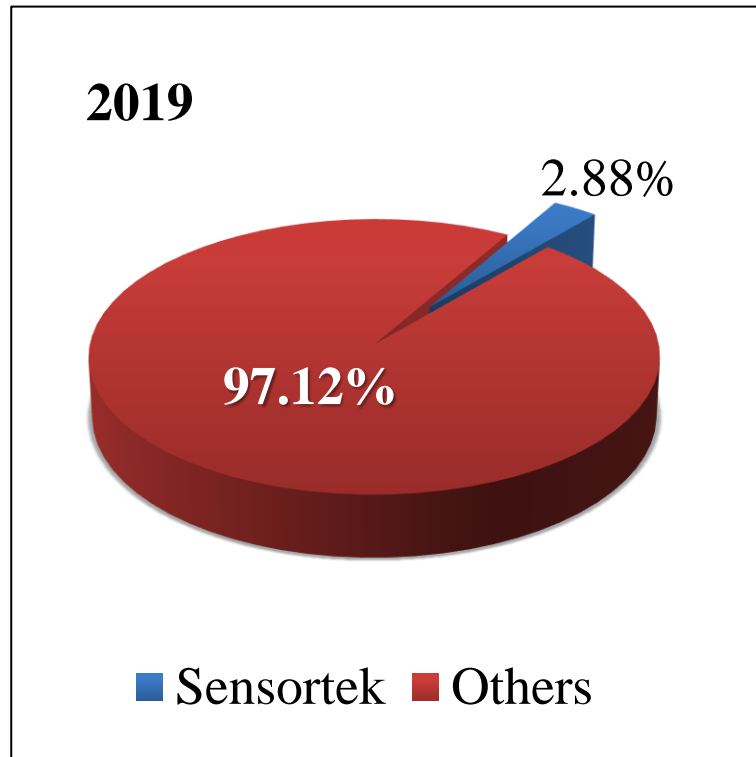


ALS / PS Sensors



- Slit design for smartphones
- Under-display design for smartphones
- Customization

G Sensors



- Good quality and reasonable price
- Has entered the TWS market successfully via existing channels
- Significant room for growth in the future

V. Future Development

Going Forward

1. PS + ALS for front displays → 協同前螢幕之應用

- Under-display PS (屏下方案) + ALS → for AMOLED displays
- Slit type PS (狹縫方案) + ALS → for TFT displays
- PS+RGB sensors

2. Light sensor for rear cameras → 協同後相機之應用

- RGB sensors (更精準色溫偵測 more precise light detection)
- RGB + flicker sensors

3. Other applications → 延伸至非手機之應用

- Smart watches, fitness trackers, TWS, etc.

4. Speeding up MEMS development → 加速MEMS產品線

- Gyroscopes
- A + Gyro (2 in 1) for high-end smartphones

VI. Corporate Governance

Corporate Governance

- Organization: 4 directors and 3 independent directors
- The Company has established an audit committee and a compensation committee.
- Complies with "Corporate Governance Best Practice Principles for TWSE/TPEX Listed Companies" to stipulate the following rules:
 - 1) Ethical Corporate Management Best Practice Principles
 - 2) Rules and Procedures of Shareholders Meeting
 - 3) Rules and Procedures of Board of Directors Meeting
 - 4) Election Procedure of Directors
 - 5) Audit Committee Charter
 - 6) Compensation Committee Charter

Thank You