



Gipping
system



Motor
& Drive



Motion
control



Vision
system



Software



Company Profile

- Daekhon Vina Corporation -



(주)대곤 코퍼레이션
Daekhon Corporation

Company Overview



For over 30 years, Daekhon Corporation(HQ) has been providing total solutions for motion control, visions systems and pneumatic component with our Middleized engineering services across a variety of industries.

Company Name	Daekhon Corporation
Establishment	1985
President	Jae-Hyong Lee
Major business	Motion Control, Machine Vision Solution and Pneumatic component sales
Employees	140 (As of Nov, 2019)
Headquarter	12F, ACE Twin Tower 1, 285, Digital-ro, Guro-gu, Seoul
Daejeon Branch	#401-404, 65, Techno 3-Ro, Yuseong-gu, Daejeon
Youngnam Branch	#12, Sogye-ro, Uichang-gu, Chanwon-si, Gyeongnam
Foreign Branch	Công ty TNHH Daekhon Vina, Ấp Đồn Yên TRung Yên Phong BẮC Ninh Việt Nam (Cạnh nhà hàng Minh Châu 2)

Company History

1985

- Founded Daekhon Yanghang

1992

- Daekhon International
- Incorporation Transition

2002

- Daekhon Corporation
- Corporation Name change

2008

- Established R&D Center

2009

- Received Minister of Knowledge and Economy Award (Innovative entrepreneur)

2012

- Received 1 Million Dollar Export Tower Prize

2013

- Certificated as 'Exemplary Taxpayer Company'

2015

- Patent acquired- Linear Motor (Overseas patent : China)
- Patent acquired- Linear Motor (Overseas patent : Taiwan)

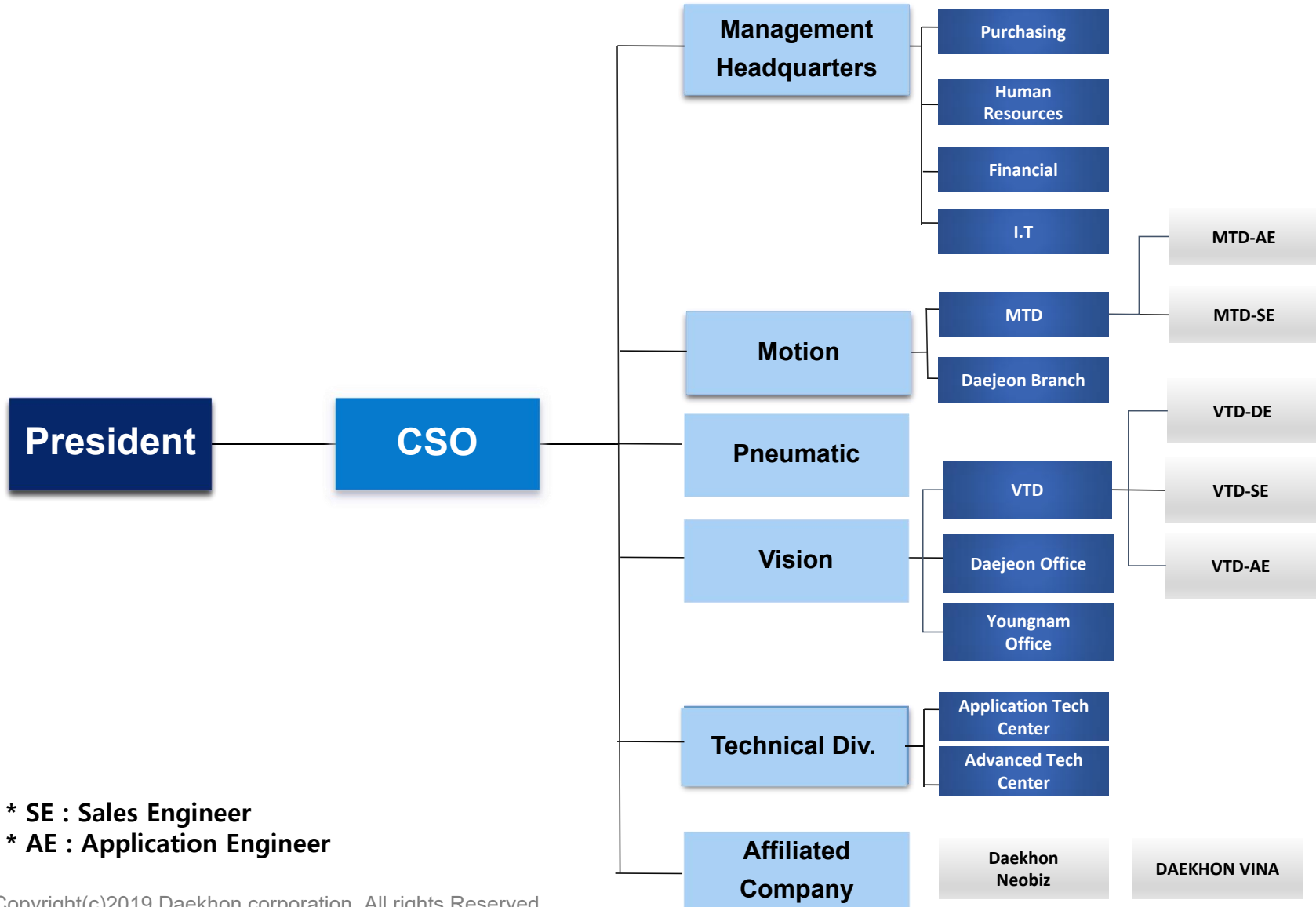
2016

- Certificated as 'Technical Innovation Company'
- Certificated as 'Management Innovation Company'
- Received Minister of Employment and Labor Award (Wage structure reorganization & Educational system design)

2017

- Established DAEKHONVINA in Vietnam
- Received 5 Million Dollar Export Tower Prize

Daekhon Corporation Organization

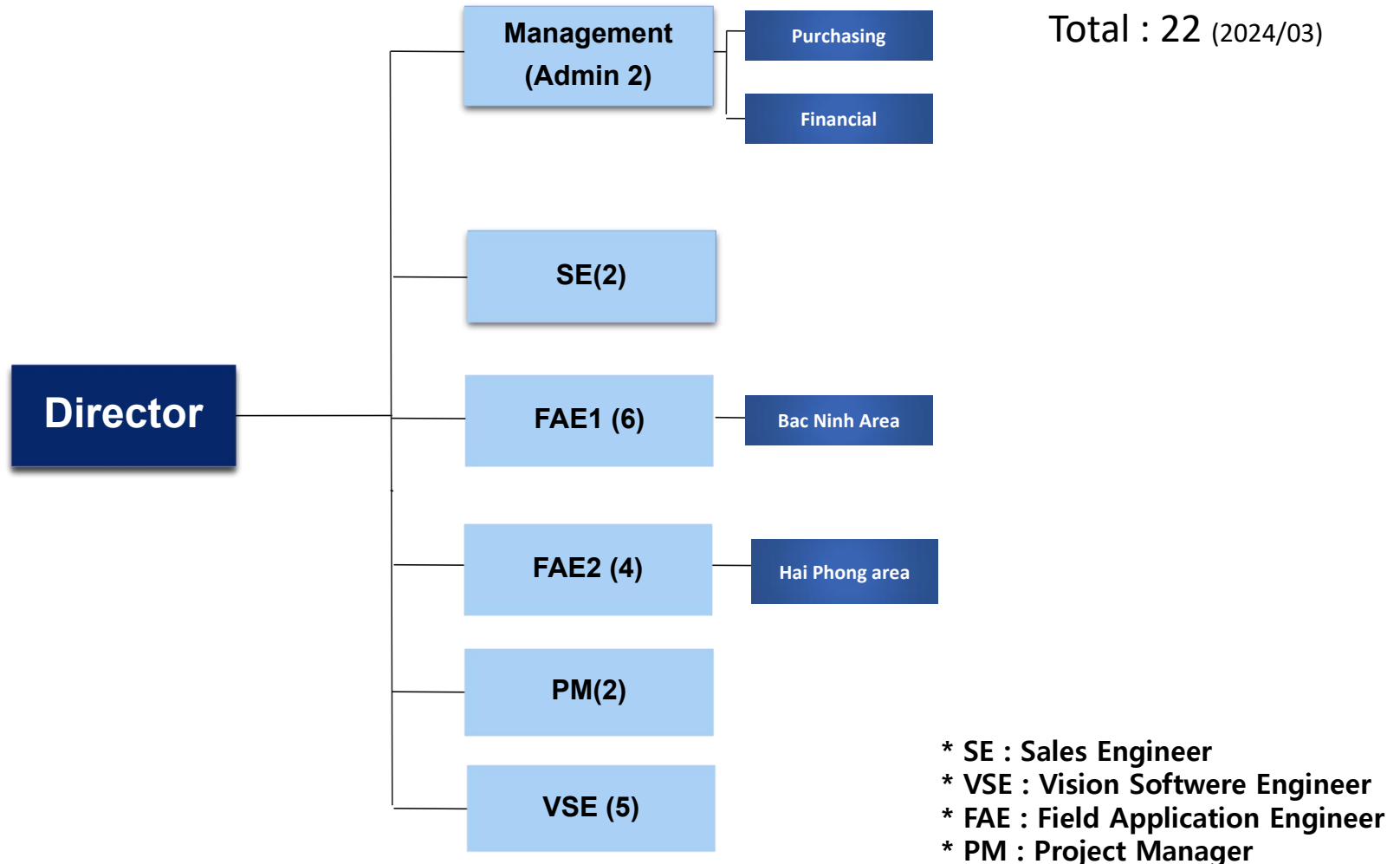


* SE : Sales Engineer
 * AE : Application Engineer

Daekhon Vietnam office Organization



Total Solution for
**Motion Control
& Vision System**



Sales / Service Network

Head Office

- Located in Seoul
- Covers middle region of the country
- **Number of Sales force : 56**
- **Number of Application Engineer : 45**

Daejeon Branch

- Located in Daejeon
- Covers western regions of the country
- **Number of Sales force : 15**

Changwon Branch

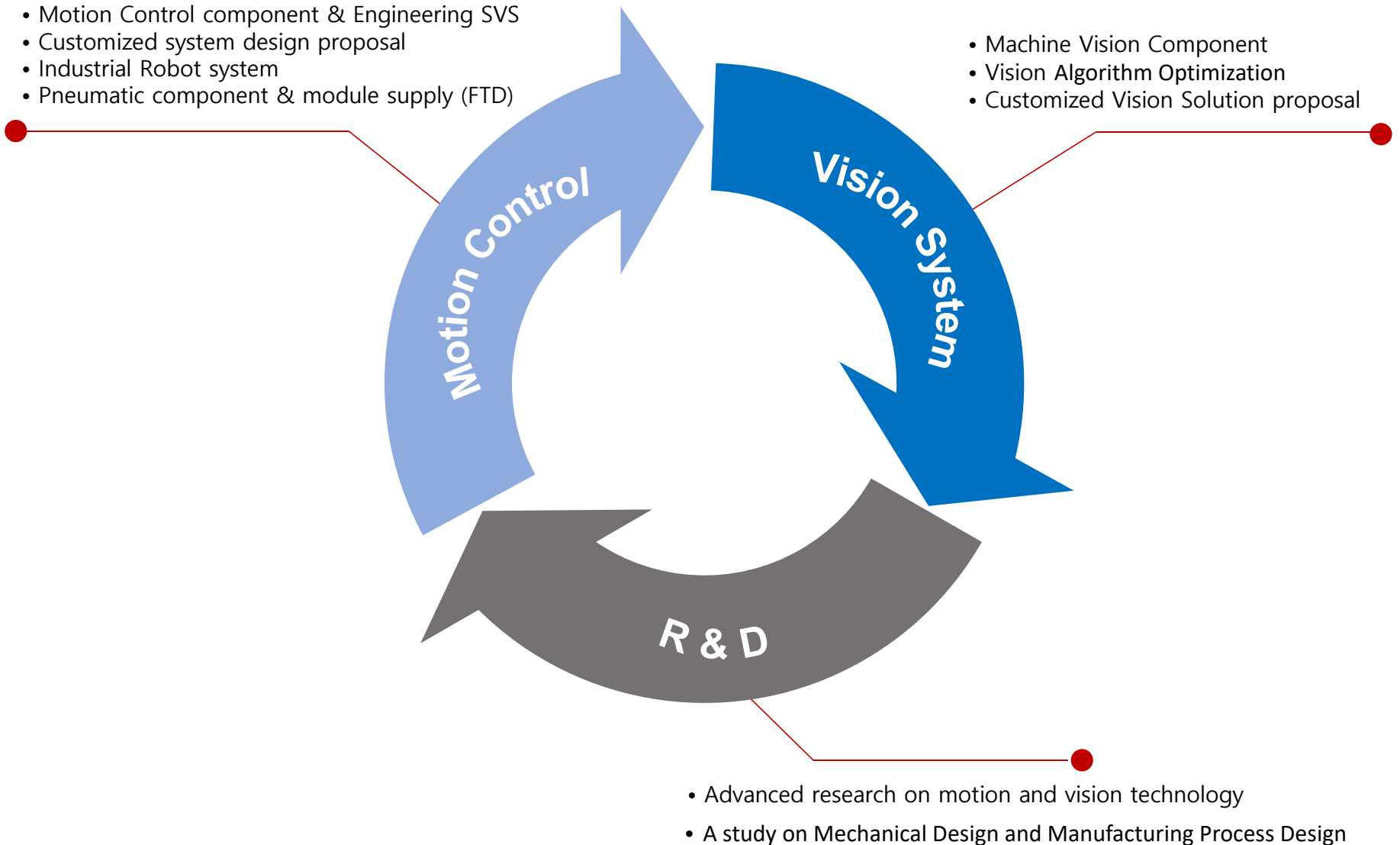
- Located in Changwon
- Covers eastern regions of the country
- **Number of Sales force : 8**

Vietnam Branch

- Located in Bac Ninh, Vietnam
- **Number of Foreign Branch : 22**



Business Area



Motion Control Division

We have been providing motion control components to the factories who need for Process Automation. By providing an appropriate Technical Supports, we all continue to try to make our customers satisfied.

Motion Controller

- Omron Deltatau
- Parker

Motor & Drive

- Parker
- Animatcis
- Nanomotion

Robot System

- Universal Robot

Etc

- Air Bearing (Newway)
- Sensor (Omron)
- Amplifier (Copley)



Fluid Tech Division

We have been providing pneumatic components to the factories who need for Process Automation. Through the most powerful brands in the world, we are able to provide high level of service and technical support.

Air Spring & Marsh Mellow

- Firestone

Gripping & Clamping System

- Schunk
- KOSMEK

Auto Tool Changer

- BL autotec
- Schunk

Etc

- Bridgestone (Air picker)
- Parker (Pneumatic Cylinder)
- Huco (Precision Coupling)



Application Technology Center

Main Function

- Mechanical Design & System Design
- PLC / Electrical Design
- Quality & Production management

Major Development

- Linear Module for secondary cell
- Pneumatic Linear Module
- Vision Inspection Machine
- Customized Stage/System



**Moving Magnet
Solution
(MTS, PMS)**



**PMS For CVD
Encapsulation**



**UV-MC
Marking System**



**Linear Module
For secondary
cell**



**Pneumatic
Linear Module**



**Ground Vibrati
on Test machin
e**

Machine Vision Division

We have been providing machine vision components to the factories who need for High Productivity, Traceability and High quality management.

By staying at the field for a certain period and supporting customers, Our Application Engineers make every effort to make their projects perfect.

Vision Component

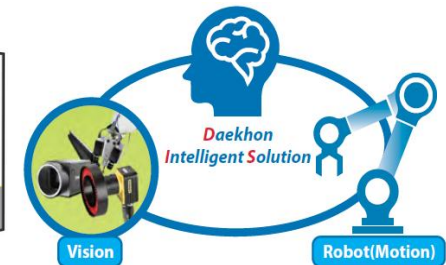
- Cognex (ID Reader)
- HIK Vision (Camera)
- CCS (Light)
- Optart (Lens)

Vision System

- Inspection
- Measurement
- Align
- Robot Guiding

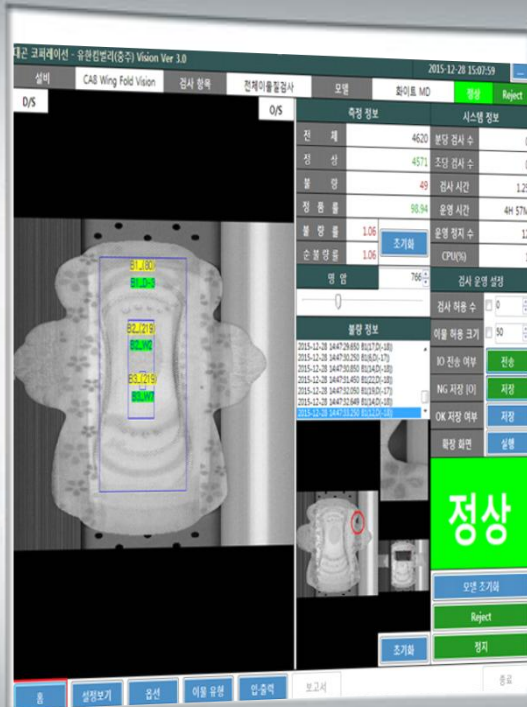
Etc

- Vision S/W
- Deep Learning Vision Inspection



S.I Experience

We have a lot of experience in system integration projects.



Defect Inspection system

- Dust
- Scratch
- Mura
- Crack

detection

➤ Through the traditional inspection algorithm and deep learning solutions



Robot Guidance System

- Pick and place position guidance for display manufacturing process
- Position alignment for transportation for parts of an automobile



Measurement System

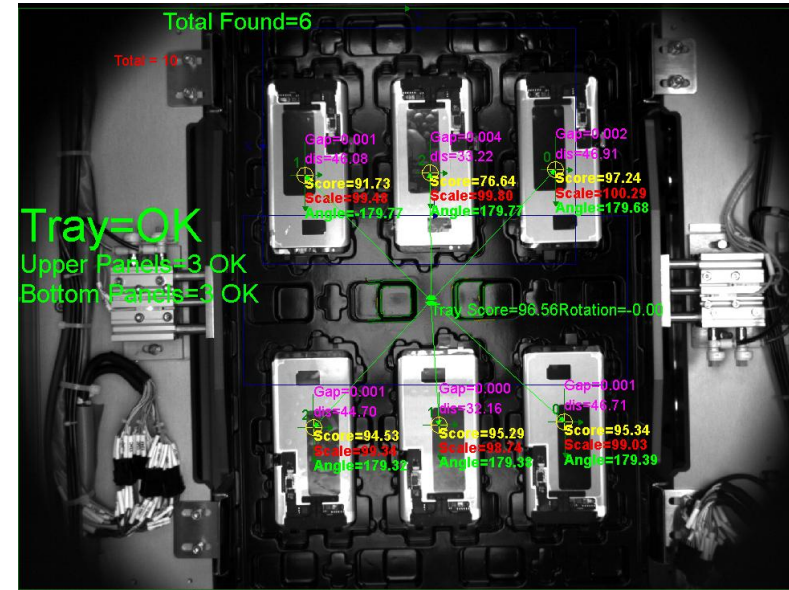
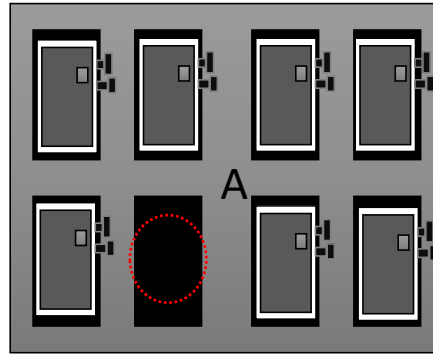
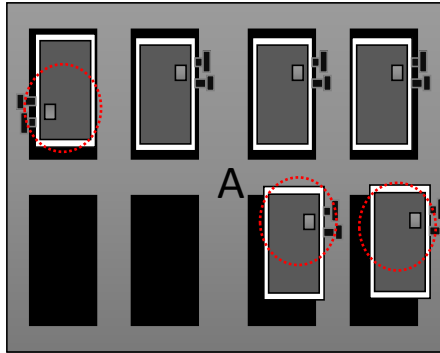
- Length
- Thickness
- Dimension
- Volume

Measurement

➤ Through the 2D,3D solution

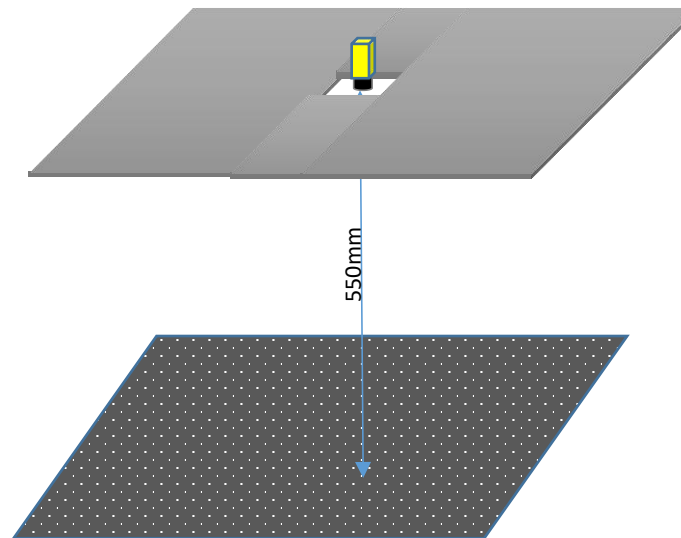
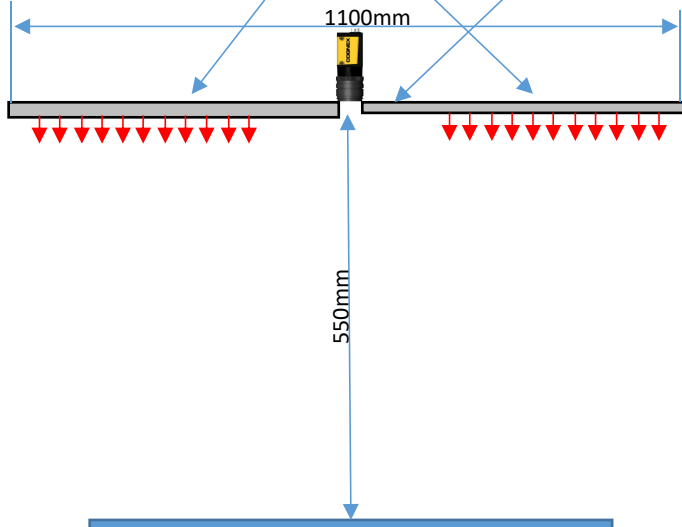
Tray Align & Inspection

Panel Present / Absent / Position / Rotation



This top seal should be white and non-reflected surface

Use previous lighting for Tray alignment



Tray size : 520x420 Max

Key Accounts



Total Solution for
**Motion Control
& Vision System**

Display	Semiconductor	Secondary Cell	Automotive	Others

Global Suppliers



Total Solution for
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Thank you