



AOPEN Visual Solutions

Miles Schofield

AOPEN By The Numbers

AOPEN IS AN
**INNOVATION
SPECIALIST**
WITH MORE THAN
**30 R&D
ENGINEERS**

AOPEN DELIVERS **PRODUCTS** AND **SUPPORT** TO OVER
100 COUNTRIES

AOPEN IS A PIONEER OF
SIGNAGE SOLUTIONS WITH
**23 YEARS
OF EXPERIENCE**

AOPEN HAS MORE THAN
**1,000,000
MEDIA PLAYERS**
UNDER MANAGEMENT

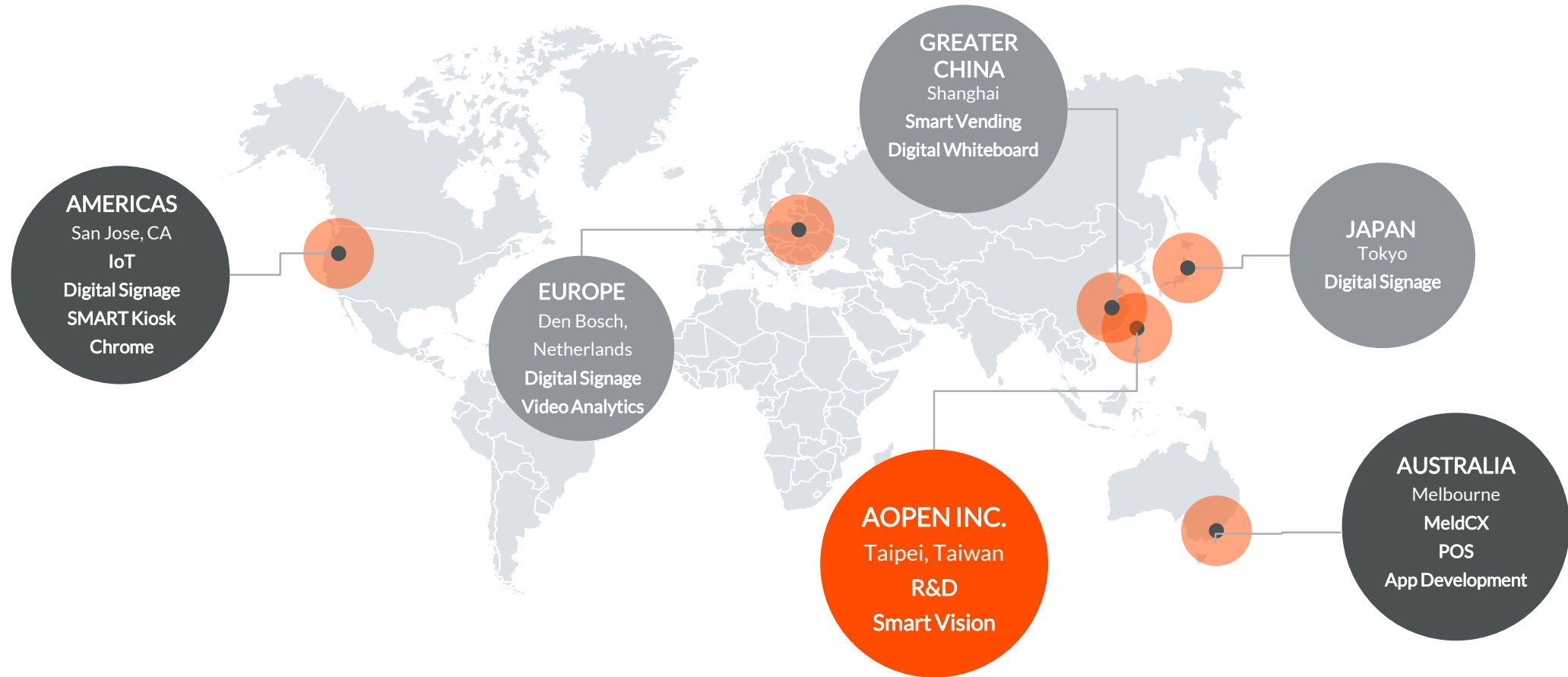
AOPEN SERVICES THE
ENTIRE SUPPLY CHAIN
INCLUDING:
**HARDWARE
DESIGN
SOLUTIONS
SERVICES**

AOPEN'S **R&D SPENDING** HAS GENERATED OVER
200 PATENTS



AOPEN Global Presence

AOPEN operates across 100+ countries worldwide



Core Products



Commercial
Interactive and Edge
Devices



Global Fulfillment
Services



Hardware Solutions



AOPEN Hardware Solutions

Hardware Solutions



Retail &
Hospitality

Signage/VideoWall
Reactive Signage
MV Analytics
Self-checkout
Smart Kiosk



Security &
Surveillance

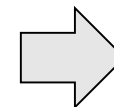
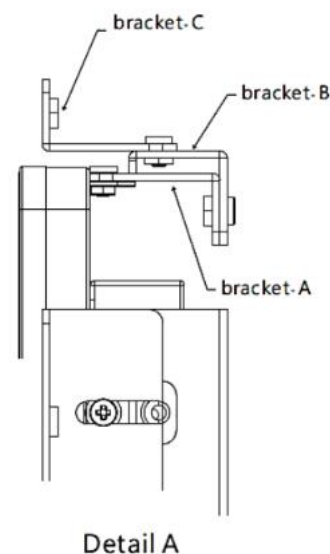
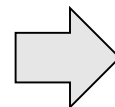
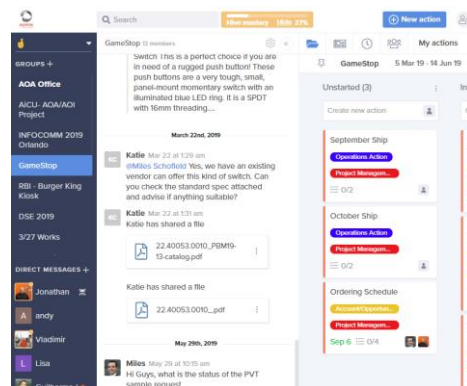
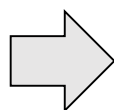
People Counting
1:1 Tracking
1:Many Tracking



Manufacturing
& Logistic

Shipping Management
Inventory Management

Solution Methodology



Identify
Key Technologies

Design

Integration

Delivery



Retail Solutions

Digital Signage - Media Players - Mounting Solutions

1x4K



Compact Edge Computing Solutions

Players that support 1-6 screens

Windows, Linux, Android, and Chrome players available

Video wall solutions up to 3x3

Zero Maintenance Solid State Solutions

Wide Temperature models for kiosk and outdoor use

Mounting solutions for Glass, Pole/Ceiling Mounts, and other challenging configurations

4x 1080P



6x 1080P



Reactive Signage - MV Analytics



Integrated Camera and Media Player

Lower Installation Costs

4k Playback

720p Camera Detects

Dwell Time, Age/Sex Metrics, Facial Recognition



Outdoor Advertising Kiosk

High Brightness Adaptive Screen with Light Sensors

Integrated Camera

Detects License Plates for Tracking

Detects Car to Adapt Advertising

Smart Kiosk / Self-Checkout



Telepresence Kiosk

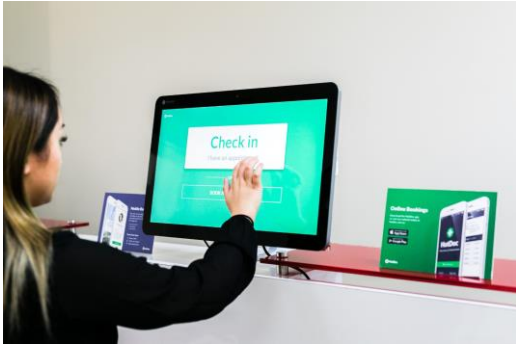
Custom Painted Floor and Table kiosks with 22" Display
Directly Connects Customers to Live Support Professionals
Banking, Pharmacy, IT, Car Rental, ect..
Improves Customer Satisfaction



Grocery - Loss Prevention Kiosk

Simplifies Buying of Loose Product in Grocery Stores
Loose Nut/Berry/Candy Model identifies 110 Items
Fruit/Veggie Model Identifies 300+ Items
Reduces Loss by ~50%

Smart Kiosk / Self-Checkout

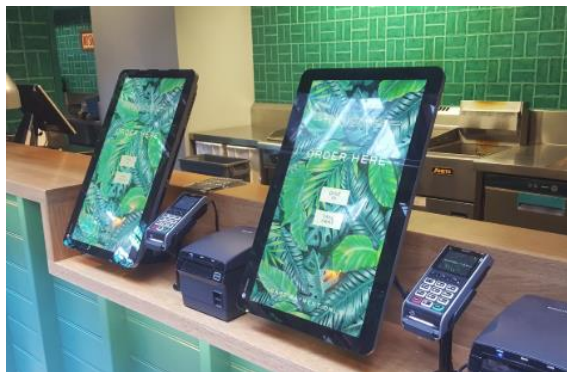


Check-in/Registration Kiosks

Reduces Wait Time

Automates Processes, Improves Data Collection

Magstripe Reader for Faster Check-in



Self-Checkout/Order Kiosk

Reduces Wait Time

Creates No-Pressure Sales

Simplifies and Organizes Ordering Procedure

The
Jackie
Smith
Group



Security

Alex
Carrera



COMPASS

Access Control



eTile 15M-FW

Built in



Intel® Movidius
Myriad X VPU



Digital I/O with
Relay



One:One

Additional Security Layer

Can Identify Tailgating

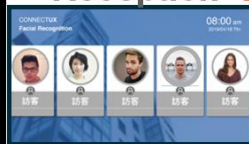
Integrates with Multiple Entrance Types

Movidius Runs Inference Model

Entrance 43"



Reception 15"



Built in

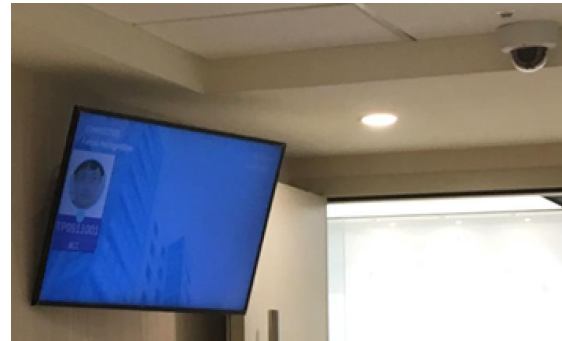


Intel® Movidius
Myriad X VPU



Digital I/O with
Relay

DEV5400



One:Many

Automates Check-in for Employees

Tracks Building/Entrance Usage

Speeds Up Guest Entrance Process

Movidius Runs Inference Model



AOPEN
SMART VISION





AOPEN Smart Vision provides Solution Ready Package Products and Service, based on Vision AI and Multimedia Technologies for Smart Retail Application.



Solutions



AOPEN Smart Parcel Kiosk Launch

AOPEN Smart Parcel Kiosk Solutions

The background image shows a vast warehouse interior. In the foreground and middle ground, there are massive stacks of cardboard boxes, some neatly piled and others more haphazardly stacked. A worker in a white shirt is visible in the lower right, moving through the boxes. In the background, other workers are visible near a conveyor belt system. The lighting is industrial, with overhead lights illuminating the space.

AOPEN Smart Parcel Kiosk Solutions provide Dimension, Weight and Scan Barcode (DWS) data in few seconds. It is ideal for warehousing, logistics, manufacturing, and medium / small e-commerce companies, to help them to improve operational efficiency and collect data.

Postal Office is looking for a solution



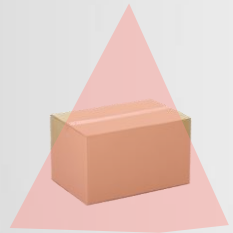
Shorten the queuing time



Reduce the service manpower



Expand more service counter windows with simplify payment



Automatically calculate dimension & weight



Self-payment settlement



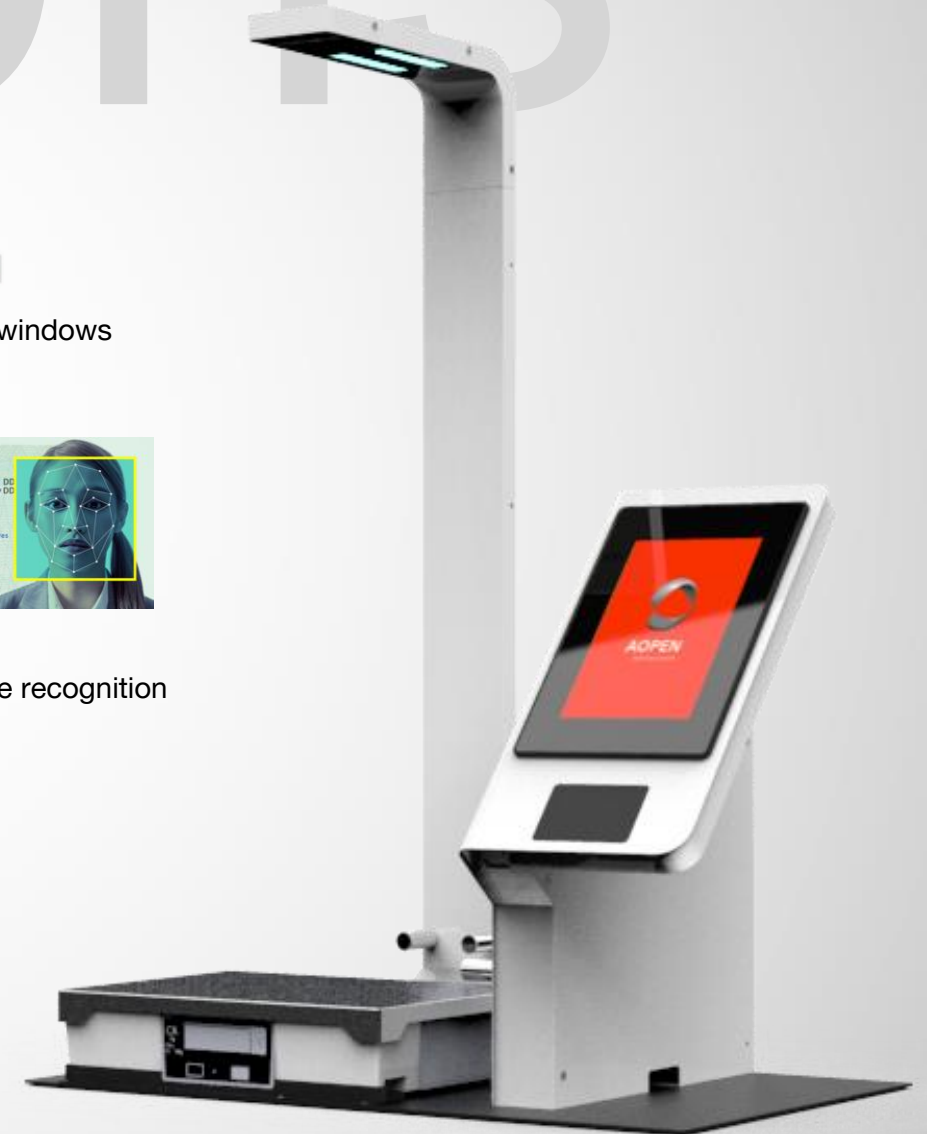
Handwriting recognition



Driver license recognition

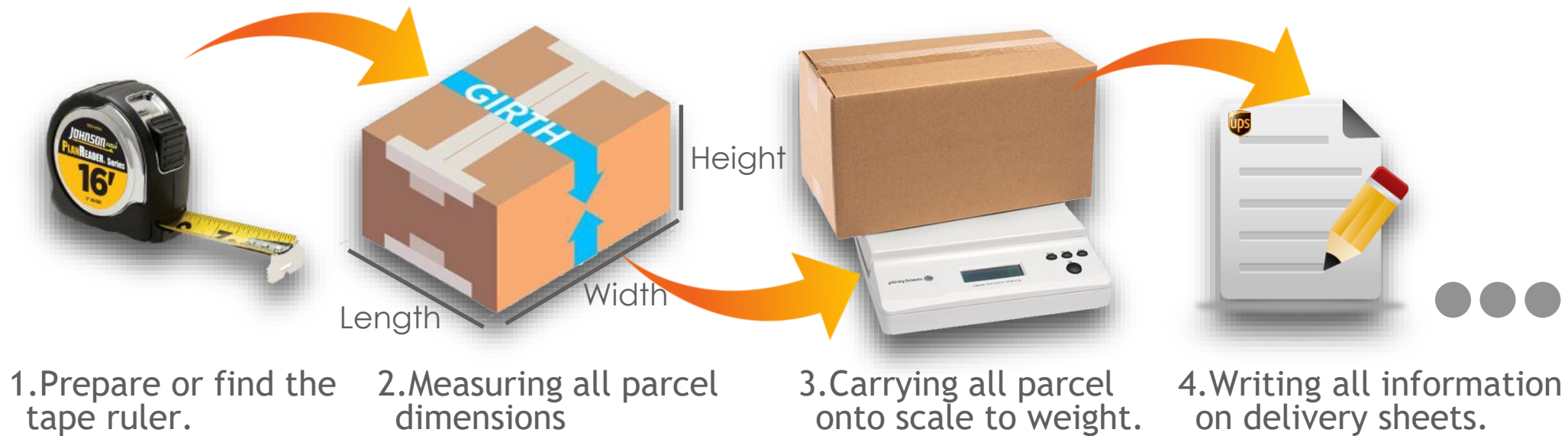


Data Analysis



SOP of measuring parcel steps

Measure Parcel by Traditional Way



IT TAKES TIME & MANY STEPS TO COLLECT
PARCEL INFORMATION TO DELIVER



Why AOPEN Parcel Kiosk

The Authentic, integrated Vision A.I.

Smart Parcel Kiosk is designed by combining AOPEN Smart Vision AI Algorithm, the AOPEN Smart Vision Management platform, and an AOPEN commercial hardware solution to deliver a completely integrated product.



Model S1

For Postal Office, Retail, E-Commence



Model S1 Features

Fast & Accurate Dimensional Scanning



Measuring accuracy
within $\pm 2\%$



Measures Parcel of sizes
Square package(in) :
17 x 17 x 17 inch



Save photos for
traceability



Gloves touch
supports



Up to 60lbs/30kg



QRCode scanner
Supports



Payment gateway
(NFC Card Reader)



Lighting supports

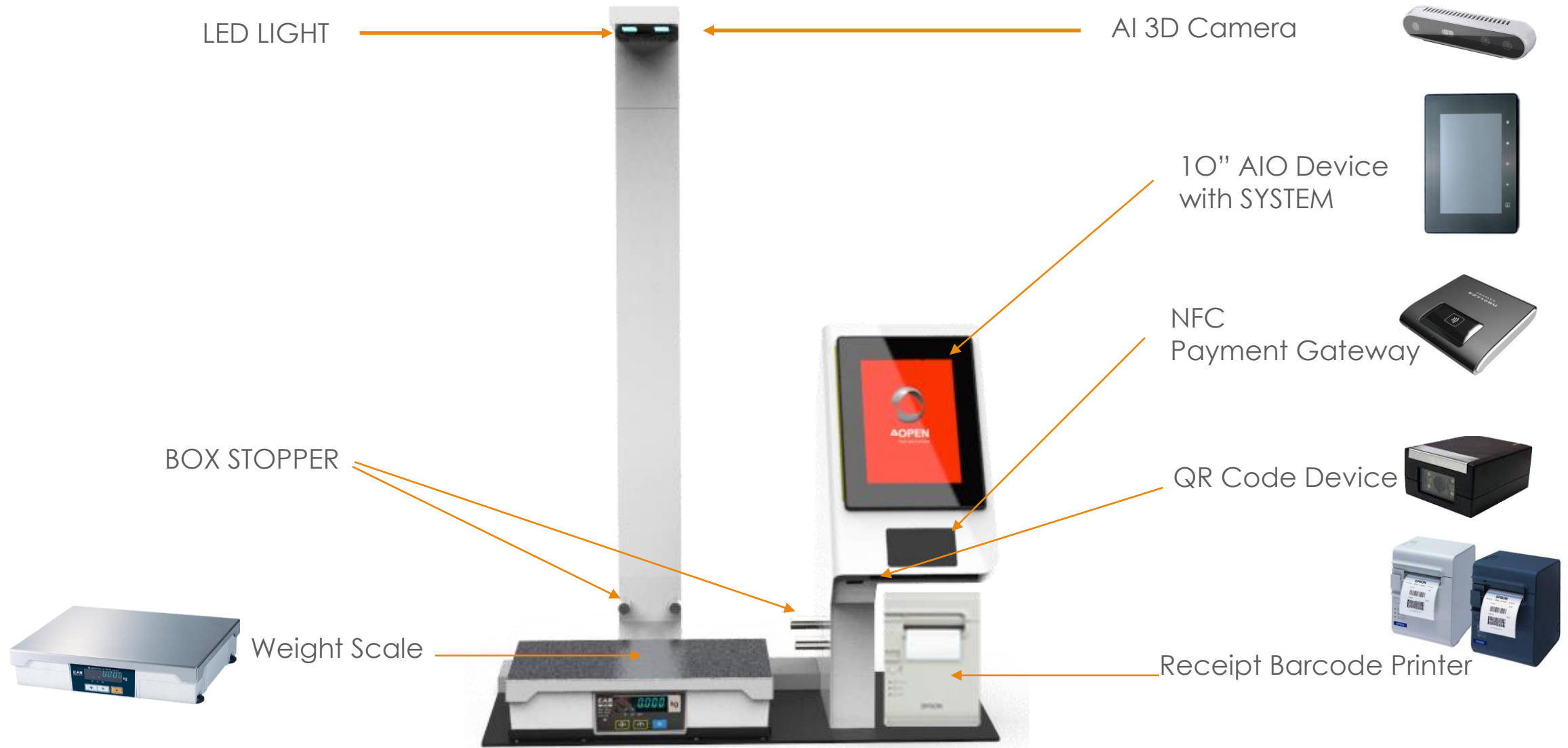


Modularize Design



Model S1 Peripherals

Easy to assemble & maintain



IMPLEMENT VERTICAL MARKETS

Target new markets with future features

Applications



Manufacturing Warehouse



E-commerce Warehouse



Express Distribution Center



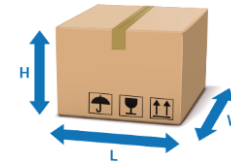
Retail Outlets



Express Business Outlets



Scale



Automatic Size Measurement



Automatic Scan Code



Operator Management



Abnormal Express Tracking



Self-Service Settlement

AOPEN SMART VISION, ARTIFICIAL INTELLIGENCE



AOPEN
SMART VISION

INNOVATION SOLUTIONS

THANKS