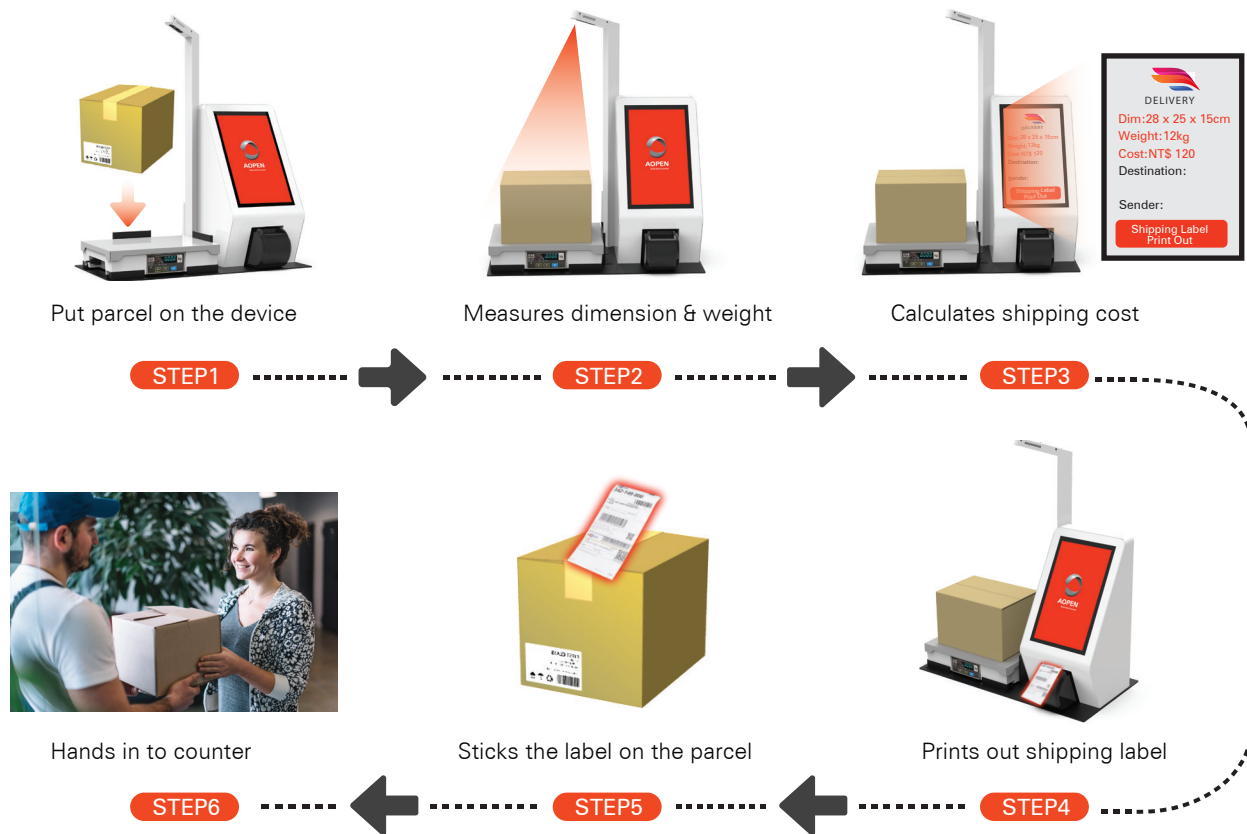# SMART
PARCEL KIOSK

E-commerce business is currently dominating retail market and increase logistics demands. By logistics demands raise, labor expenses will be increased as expected, nomatter from enterprises to convenient store or postal office. Hence, how to reduce labor costs but still have excellent efficiency becomes an important topic for retail market.

AOPEN® Smart Parcel Kiosk, implementing 3D Sensing Technology, AI Image Recognition, based on Intel® Core™ I Processor, Movidius™, OpenVINO™ Toolkit provides the solution, not only to measure dimension of parcels, but also recognize logistics company logo. Once information is gathered, Smart Parcel Kiosk will calculate shipping costs then print out shipping label.

Adopting AI Technologiesnot only reduce SOPs or client's operating efforts but increase enterprise brand image. The target business or opportunity is e-commerce retail market, postal offices and logistic department of enterprises.

PARCEL KIOSK

Application

Put parcel on the device

STEP1

Measures dimension & weight

STEP2

Calculates shipping cost

STEP3

Hands in to counter

STEP6

Sticks the label on the parcel

STEP5

Prints out shipping label

STEP4

Model	Parcel Device
CPU	BGA type for Intel® Core i7/i5/i3 28W mobile Broadwell CPU default configuration i3-5010U CPU @2.10GHz
Memory	Dual channel, DDR3L SO-DIMMx2, 1333/1600 MHz, 16GB default configuration 8GB
Graphics	Integrated Intel® CPU
Max. Brightness	400nits
Audio	Realtek HD Audio Codec ALC269, 2 Channel
LAN	Intel Gigabit Ethernet x1 10/100/1000
Storage	mSATA SSD (default 32GB)
Security	vPro
I/O Interface	HDMI Out Port x1 USB 3.0 Port x4 RJ45 LAN Jack x1 PC Legacy RS232 Serial Port x4 through RJ50 Audio set Line-Out x1 / Mic-in x1
Parcel Weight	Up to 15kg
Housing Material	Metal

Features:

+ Measuring with 3D Camera
+ Measuring package up to 60 x 60 x 60cm
+ Heavy-duty weight scale:
  - Up to 15kg
  - Readability from 5g
  - Adjustable display head
  - Easy-to-read VFD display
  - Law profile
+ 15.6" Multi-Touch Display
  - Tamper Proof Design
  - Intel® Core-I Platform
  - IP65 Dust & Waterproof
  - Wide Viewing Angle
  - Auto Power & Recovery
+ Shipping Label Printer

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AOPEN SMART VISION