**KERCHAN**
Professional Innovation

# Kerchan Technology Co., Limited

18 YEARS focus on Retail environment / Retail Stores / Audio devices solutions

For Better Shopping Experience

# 01

Company Profile

# Company Overview

Kerchan was established on May 9, 2006, in Hong Kong, China. On September 10, 2014, it was renamed and commonly referred to as "Shenzhen Technology Group Co., Ltd.".

Kerchan Technology Group is a national high-tech enterprise that integrates research and development, manufacturing, and sales. Our mission is to create a shopping experience and provide people with high-quality home products.

We specializes in providing advertising screens for retail solutions.
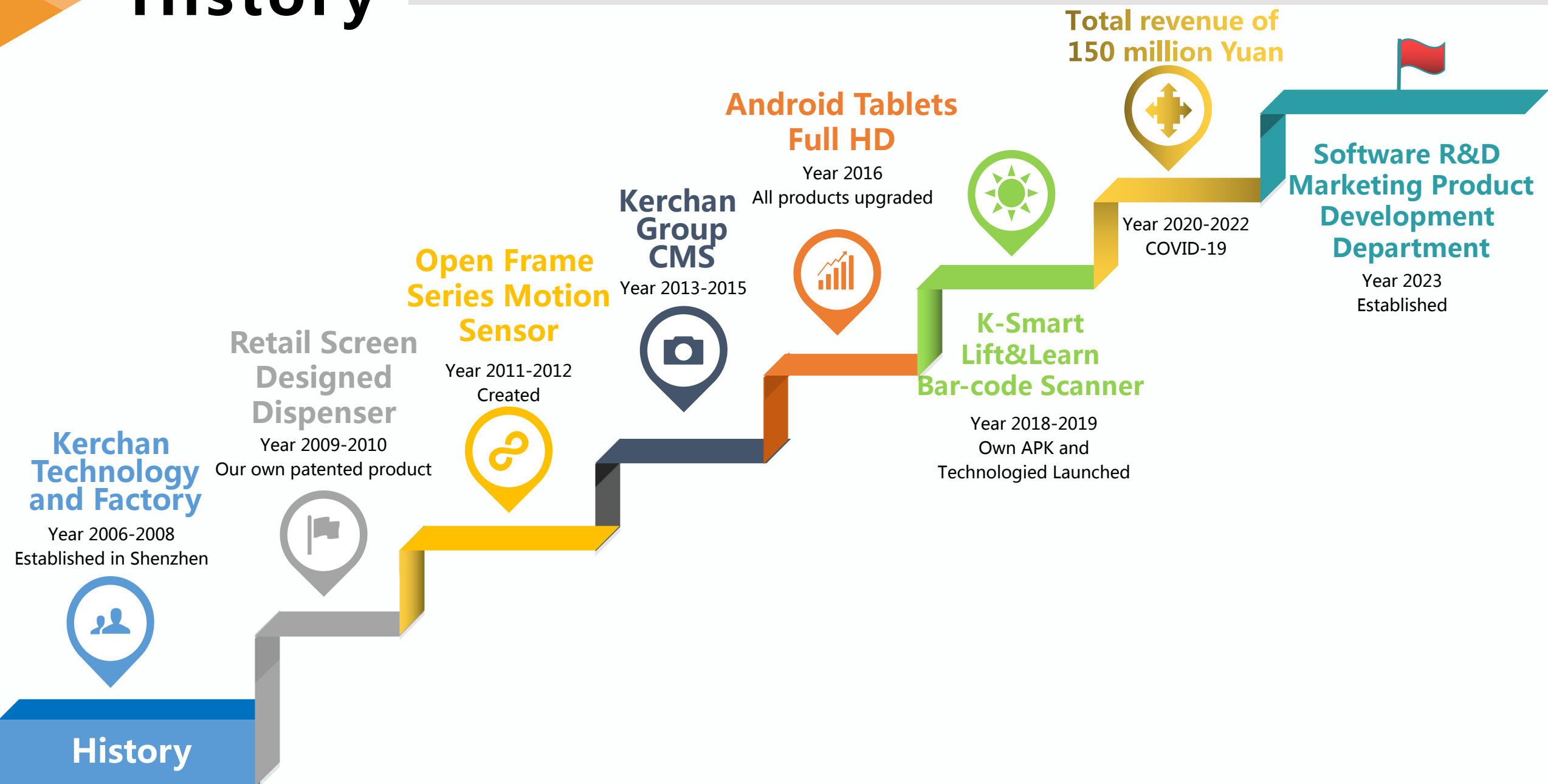
Below are some of our cooperative clients who are currently using our screens:

# Co-Branding

# History

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**Kerchan Technology and Factory**
Year 2006-2008
Established in Shenzhen

**Retail Screen Designed Dispenser**
Year 2009-2010
Our own patented product

**Open Frame Series Motion Sensor**
Year 2011-2012
Created

**Kerchan Group CMS**
Year 2013-2015

**Android Tablets Full HD**
Year 2016
All products upgraded

**K-Smart Lift&Learn Bar-code Scanner**
Year 2018-2019
Own APK and Technologied Launched

**Total revenue of 150 million Yuan**
Year 2020-2022
COVID-19

**Software R&D Marketing Product Development Department**
Year 2023
Established

History

Kerchan products footprint covers more than 70% of the world's countries and regions, mainly to Europe, America, Australia, the Middle East...

# Why Kerchan ?

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Hardware and Software R&D Team

1-3 Years Warranty

CE, FCC, ROHS Certification

Short Lead Time

Professional after-sales personnel

Tailored Solutions

ISO 9001 Factory

Industrial Quality

# 02

Production Line

# Factory Tour

**KERCHAN** Professional Innovation

**Workers' air shower doorway**

**Workshop access**

**Incoming workshop**

**R&D Equipments**

**Assembling**

**Production Line**

01

Near to ShenZhen airport with over 3,000㎡ of Dust-free workshop.
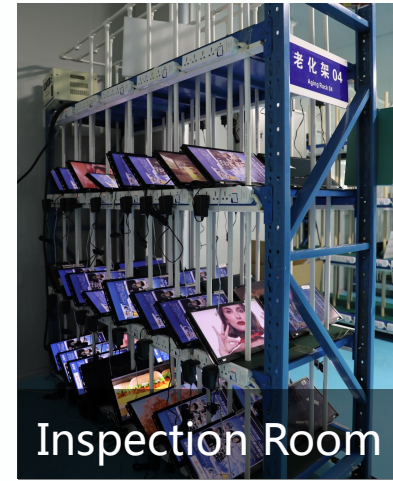
# Factory Tour

**KERCHAN** Professional Innovation

02

Meet internal stadard:

CE, Rohs, FCC, CCC, NOM, BSMI, BIS, VCCI, NOM, EAC, UL, SASO etc.


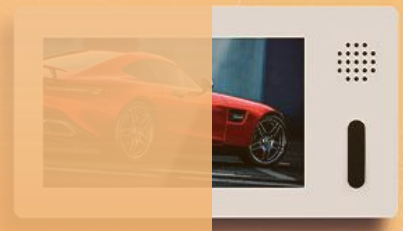Aging test workshop


Inspection Room


Transport testing

The production line includes incoming testing, assembling, in-production testing, ageing testing, full inspection and transport testing to ensure that each product reaches the customer in the best possible condition.
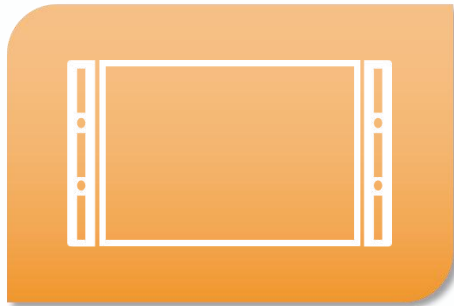

Packaging workshop
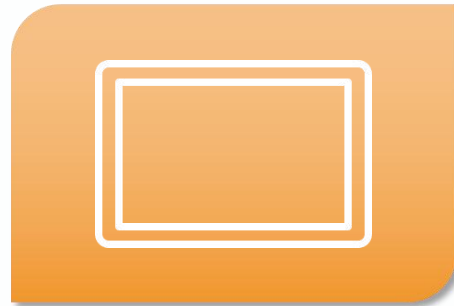

Air shower doorway for goods
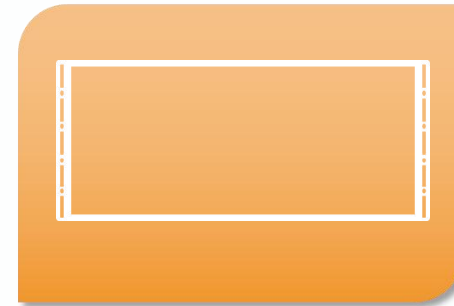
# 03

Product Introduction
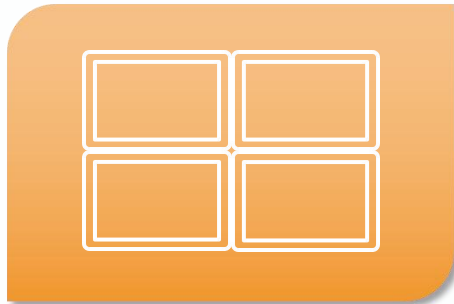
# ABOUT KERCHAN
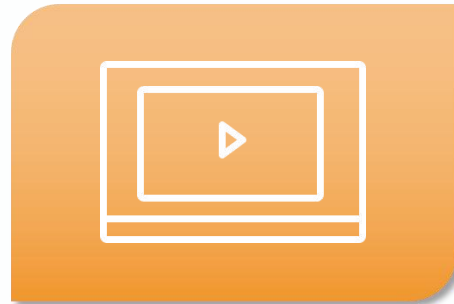
**Open Frame Retail Screen**

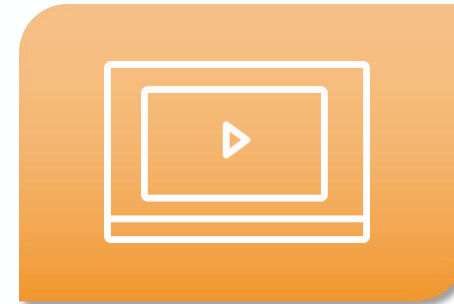**Enclosed Frame Retail Screen**

**Stretched Bar LCD Screen**

**Hand Sanitizing Retail Retail Screen**

**Video Wall Screen**

**Audio Player**

**Media Player**

**K-Smart APK for Android**

# I. LCD Video Screen

# C Series



| Internal Memory | PVC Housing | Lower Cost | Motion Sensor | Push Button |
|---|---|---|---|---|

## Sizes:

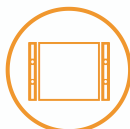4″, 7″ (Active Area). Unit size can be customized.

## C Series:

Low cost LCD video screen, mainly for corrugated temporary displays;

## Features:

- Auto loop videos from internal memory after power on;
- Auto copy videos from USB to internal memory;
- PVC or cardboard housing;
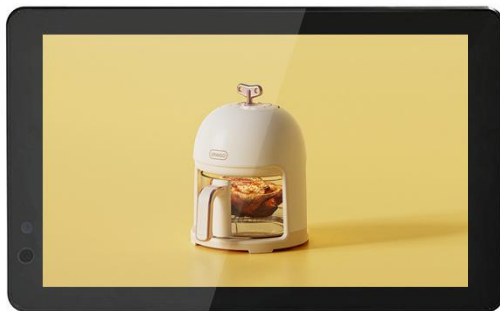- Low power consumption, powered by AC or batteries; Built in battery;

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# K/N Series



**Open Frame** · **Auto Loop Video** · **Low Power Cousumption** · **Motion Sensor** · **Push Button**



**Enclosed Design** · **Auto Loop Video** · **Low Power Cousumption** · **Motion Sensor** · **Push Button**
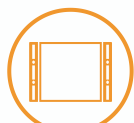
## Sizes:
7″, 10″ .

## K/N Series:
Basic USB-type video screen;

## Features:
- Auto copy videos from SD card to USB or USB to SD, easy to change videos;
- Auto loop vidoes from SD card or USB locally after power on;
- Auto power on/off at a scheduled time;
- Low power consumption: only 1 mAh for standby mode, can be battery powered;

# KH/H Series





Open Frame | Auto Loop Video | 1080P | Motion Sensor | Push Button | HDMI Input

Enclosed Design | Auto Loop Video | 1080P | Motion Sensor | Push Button | HDMI Input

## Sizes:

7″ , 10″ , 11.6″ , 13.3″ , 15.6″ , 18.5″ , 21.5″ , 23.8″ , 27″ , 32″ , 43″ , 50″ .
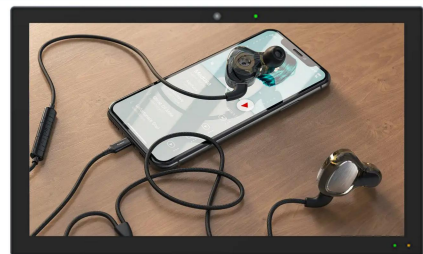
## KH/H Series:

Full HD video screen, with HDMI input;

## Features:

- Support 1080p videos;
- With HDMI input, to connect to an external media player;
- Auto copy videos fromSD card to USB or USB to SD, easy to change videos;
- Auto loop vidoes from SD card or USB locally after power on;
- Auto power on/off at a scheduled time;

# KD/SD Series

| | | | | | |
|---|---|---|---|---|---|
| Open Frame | No Delay | Internal Memory 8GB | Motion Sensor | No WiFi | |
| Bar-code Scanner | RFID | Gesture Sensor | Touch | | |

| | | | | | |
|---|---|---|---|---|---|
| Enclosed Design | No Delay | Internal Memory 8GB | Motion Sensor | No WiFi | |
| Bar-code Scanner | RFID | Gesture Sensor | Touch | | |

## Sizes:

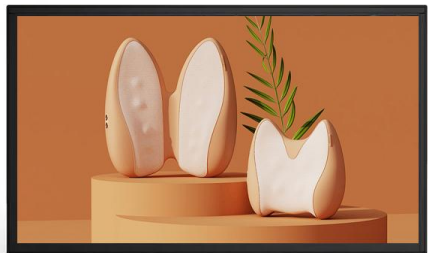10″, 11.6″, 13.3″, 15.6″, 18.5″, 21.5″, 23.8″, 27″, 32″, 43″, 50″.

## KD/SD Series:

Android LCD video screen, but no WiFi or Ethernet;

## Features:

- Android based, support 3rd party apk, install by USB or SD card;
- K-Smart pre-installed, to lockdown website/apk or loop videos;
- No black screen delay when jump from video A to video B;
- Support SD card and USB, but no need for extra memory card as has 8GB internal memory;

# KA/S Series

| | | | | |
|---|---|---|---|---|
| Open Frame | No Delay | Update Remotely | Motion Sensor | WiFi |
| Bar-code Scanner | RFID | Gesture Sensor | Touch | 4G |

| | | | | |
|---|---|---|---|---|
| Enclosed Design | No Delay | Update Remotely | Motion Sensor | WiFi |
| Bar-code Scanner | RFID | Gesture Sensor | Touch | 4G |

## Sizes:

7″ , 10″ , 11.6″ , 13.3″ , 15.6″ , 18.5″ , 21.5″ , 23.8″ , 27″ , 32″ , 43″ , 50″ .

## KA/S Series:

Android 11 LCD video screen, with both WiFi and Ethernet;

## Features:

- Android based, support 3rd party apk, install by USB or SDcard;
- K-Smart pre-installed, to lockdown website/apk or loop videos;
- No black screen delay when jump from video A to video B;
- Support SD card and USB, but no need for extra memory card;

# KL Series-Long Narrow

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**Sizes:**

23.1″, 35.1″, 46.6″.

**KL Series:**

Shelf edged LCD video screen, with WiFi;

**Features:**

- Android based, support 3rd party apk, install by USB or SD card;

- No black screen delay when jump from video A to video B;

- Support SD card or USB, but no need for extra memory card

- With WiFi, support CMS to upload videos remotely;

- K-Smart pre-installed, auto loop videos after power on;

お買い物で 商品券 最大 **1,000**円 もらえる ※条件あり

OEM/ODM services & factory direct supply available

Enclosed Design

Horizontal/ Vertical Installation

Split Screen

Customized Size

WIFI
WiFi

# KL Series-Ultra Wide

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## Sizes:

19″, 24″, 28″, 29″, 37″, 47.6″.

**Unique sizes can be customized.**

## KL Series:

Ultra Wide Shelf edged LCD video screen;

Android based, WiFi, Ethernet and HDMI input are optional;

## Features:

- Android based, support 3rd party apk, install by USB or SD card;

- No black screen delay when jump from video A to video B;

- Android based, WiFi and Ethernet are optional;

- K-Smart pre-installed, auto loop videos after power on;

GOOD MORNING

Open Frame

Horizontal/ Vertical Installation

Split Screen

Customized Size

Motion Sensor

Bar-code Scanner

RFID

Gesture Sensor
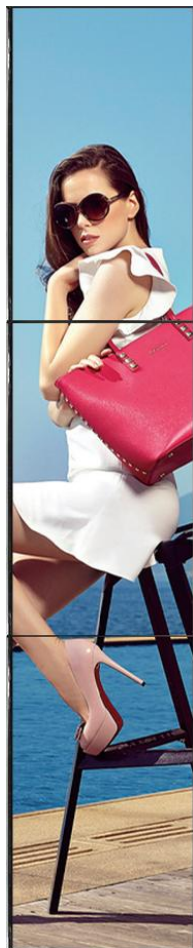
# HL/PJ Series-Split Screen



Individual Display
(SAD2310HL)



Synchronize Mode
(SAD2310HL)



Connect Mode
(SAD2150PJ)

**Sizes:**

23.1″, 35.1″, 18.5″, 21.5″, 23.8″,

27″, 32″, 43″.

**HL/PJ Series:**

Split Screen

**Features:**

- Unique sizes can be customized.
- The number of screens in a set can be customized.
- Individual display.
- Connect & synchronize mode.

# A Series



**Enclosed Design** · **No Delay** · **Update Remotely** · **Motion Sensor** · **WiFi**

**Bar-code Scanner** · **RFID** · **Gesture Sensor** · **Touch** · **4G**

## Sizes:

15.6″, 18.5″, 21.5″, 23.8″, 27″, 32″, 43″, 50″.

## A Series:

Android 11 LCD video screen, with both WiFi and Ethernet;

## Features:

- Plastic shell, make the product more lightweight;
- Android based, support 3rd party apk, install by USB or SD card;
- K-Smart pre-installed, to lockdown website/apk or loop videos;
- No black screen delay when jump from video A to video B; Internal memory;

# Windows Series

**Sizes:**

11.6″, customized size.

**Windows Series:**

Windows 10 OS LCD Video Screen

**Features:**

Open frame/Enclosed design for easy installation;

Windows 10 OS cater to your creative needs;

Built-in VGA interface, HDMI output, USB and RJ45;

Support USB, but no need for extra memory card as has

8G RAM+64G ROM internal memory;

With both WiFi and Ethernet;

Touch is optional;
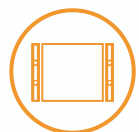
Open Frame

Enclosed Design

WIFI

Touch

HDMI output
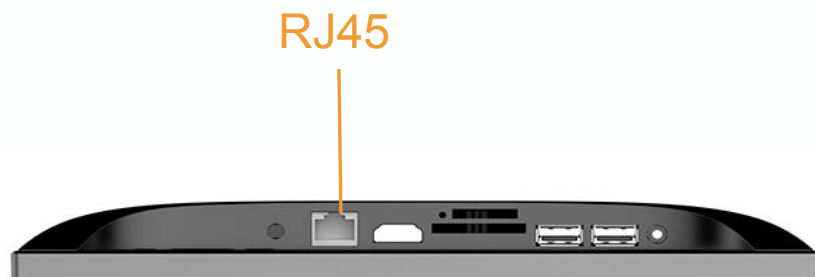
# POE Series

RJ45



## Sizes:

Enclosed frame: 10.1″, 13.3″, 15.6″ ;

Open frame: 11.6″, 13.3″, 15.6″ .

## POE Series:

Power over Ethernet, one network cable for both power supply and data;

## Features:

- Specifically designed for commercial and retail applications;

- Built-in Wi-Fi, a wired RJ45 Ethernet connection;

- Internal memory can be expanded as needed through the SD memory slot or USB;

- Used at places where electricity power supply is unavailable.

# **II.** Android Media Player

# Media Player

## KRC-ANBOX

WiFi

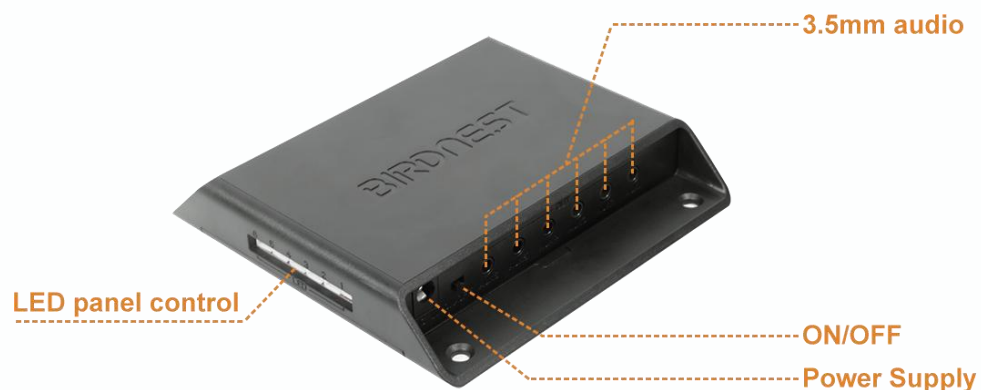4G

SIM

DC

USB1

USB2

SD card

HDMI

WAN/LAN

AUX

UBOOT
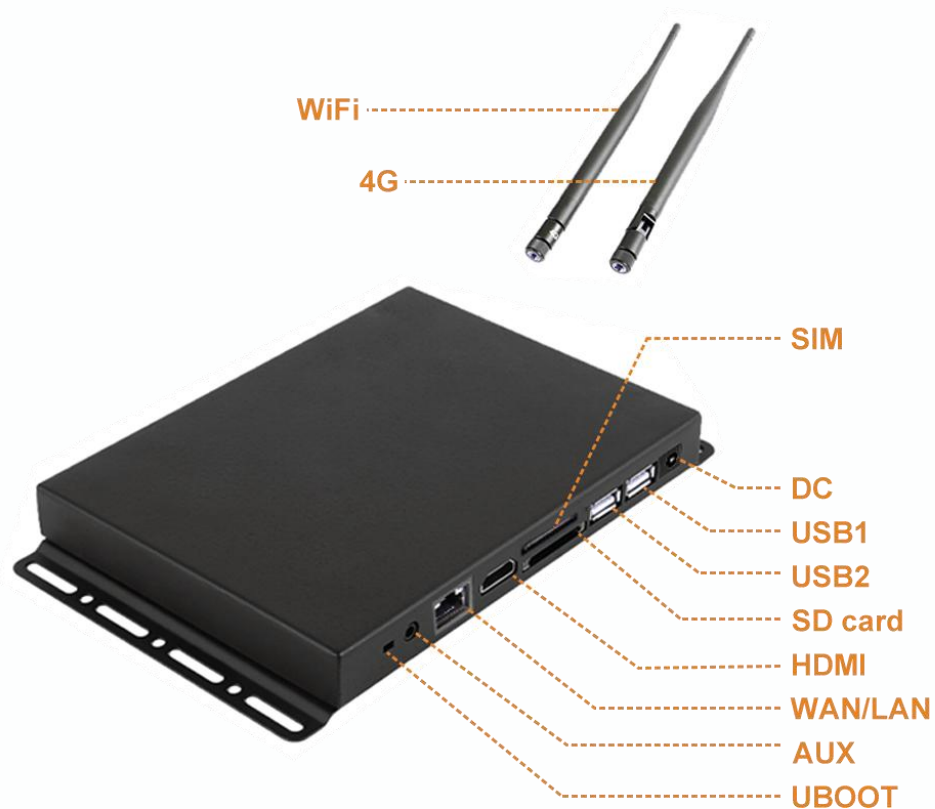
### Android/Wifi /It can work with push button or motion sensor

**1.**Make Your TV Smarter! Enhance any TV with the ability to auto play videos, music, and photo slideshows!

**2.** High Definition 1080p HDMI output for sending sharp and clear video and audio in pure digital format to HDTVs

**3.** Three version: USB or SD card drive/ internal momery drive/android 11 system drive

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# Audio Player

3.5mm audio

LED panel control

ON/OFF

Power Supply

## Digital / Optical Audio Player

This series varies from 1 output to 6 audio outputs, with different display operation modes according to customers' requests;

## Accessories like:

**1.** LED strip, LED panel;

**2.** Extender power cables;

**3.** Extender audio cables;

**4.** 12V-5V power supply board;

**5.** Power distribution board for audio device;

Playing logic can be customized for each project
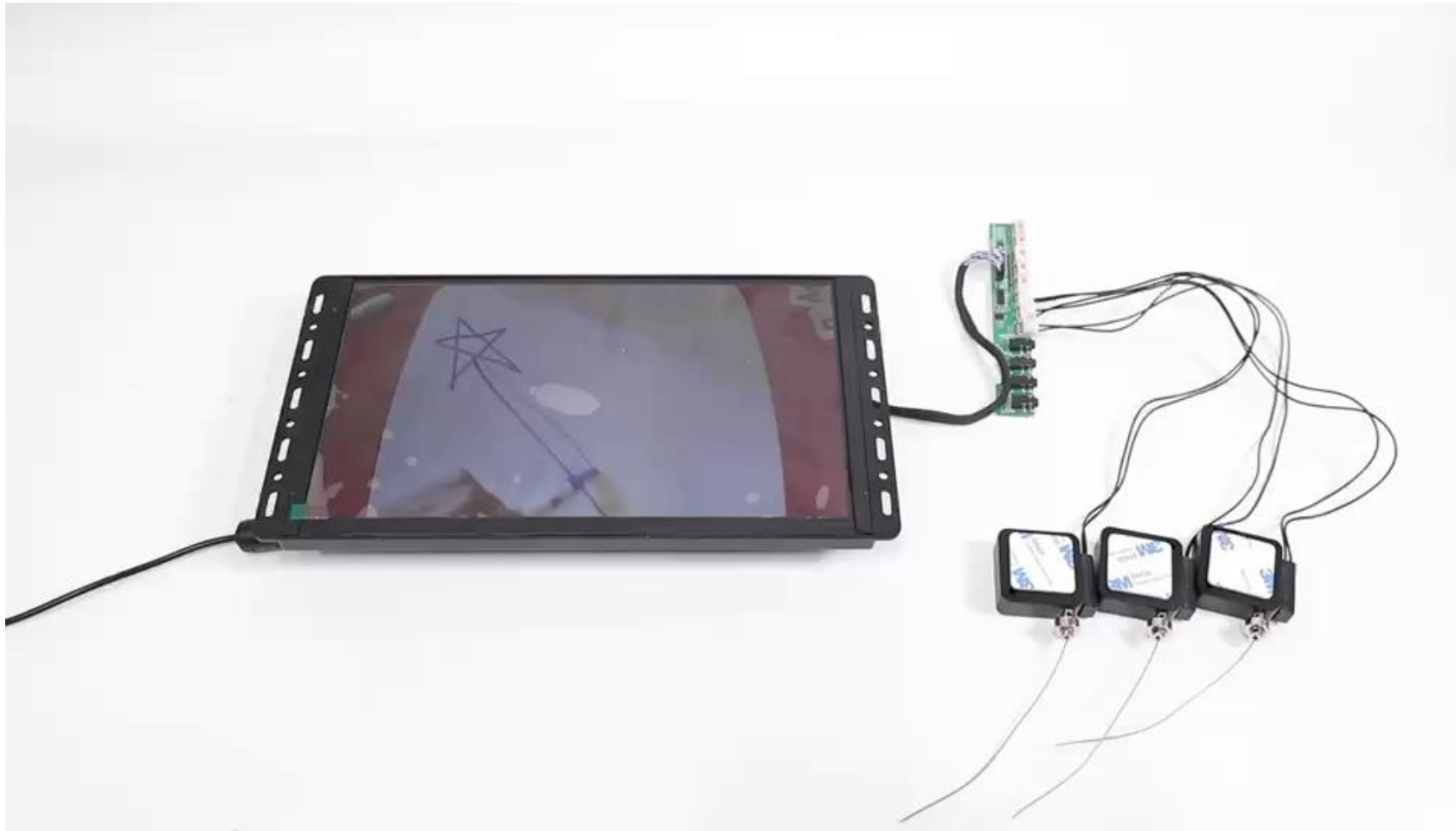
# III. Interactive Technology Solutions

# Lift & Learn



**Lift & Learn**

Lift product A, play video A. Lift product B, play video B.
One vieo to one RFID tag,it doesn't matter if shopper puts product A to sensor B.

# Pull & Learn



**Pull & Learn**

Pull rope switch A, play video A. Pull rope switch B, play video B.

# Barcode Scanner



Support RFID and Scanner trigger video and pictures playback

**Bar-code Scanner**

Playing video corresponding to product's barcode, no limitation to the quantity of products,hundreds or thousand products can be included at the same time.

# Gesture Sensor



4. Higher sensitivity and accurate gesture recognition

## Main Features :

**1.**Swipe in four directions: up, down, left, and right.

**2.**Gestures to control the play mode of advertising content such as video switch, volume adjustment.

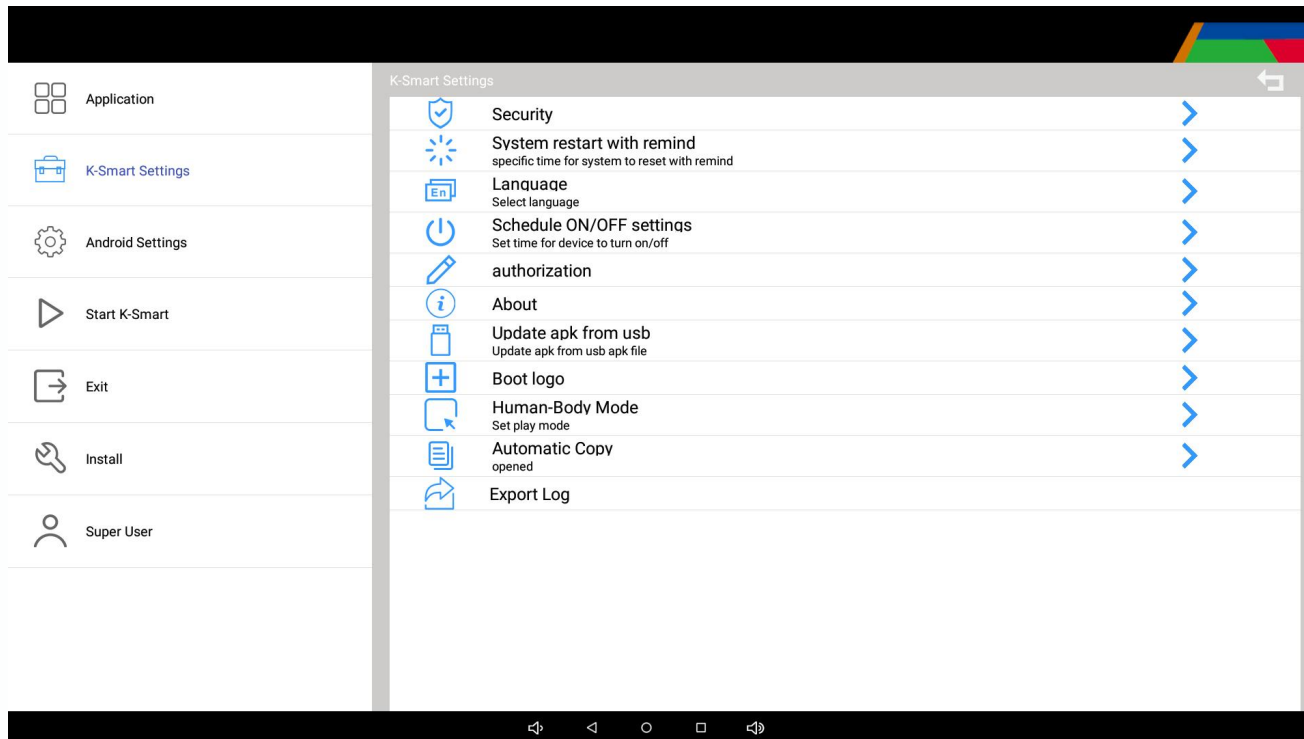**3.**Specific operation mode can be customized.
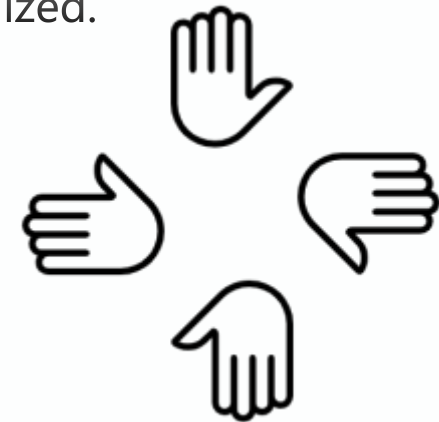
# Air-button Sensor

## Main Features :

**1.**Triggered without direct contact.

**2.**Up to 8 buttons for each lcd screen.

**3.**Various sizes available， 16mm， 19mm， 22mm， 38mm， etc...

**4.**Optional LED ring in Green， Red， Blue， White， etc...

**5.**0-15cm effective range.

**6.**Be-spoken playing logical for each project.

# **IV.** Software

# K-Smart



**Main Features :**

**1.** Enable Android device to auto loop videos after power on;

**2.** Lockdown 3rd party app or website as Home page;

**3.** Edit and play interactive contents;

**4.** Support motion sensor and push button;

**5.** Support barcode scanner, enable screens to run corresponding videos with related bar code;

**6.** Support RFID tags for "Lift & Learn";

**7.** Record the playing date, such as how many time, how long each video runs;

# Optional Features of Standalone Retail Screen
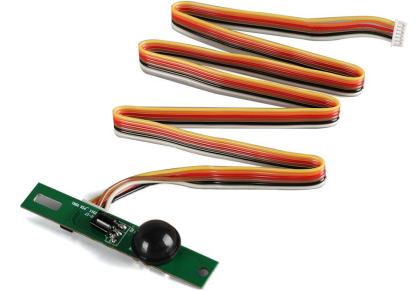
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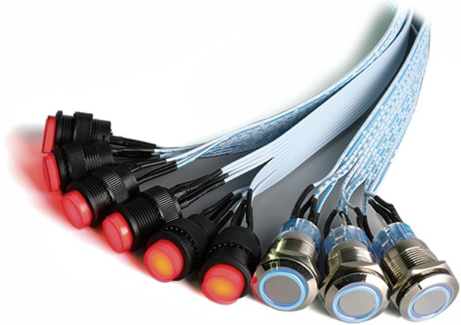
Push Button

SD card extender

External Speaker

Motion Sensor

Battery Pack

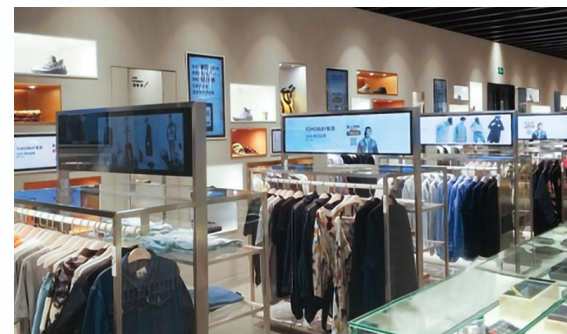lithium ion
rechargable battery

Led lighting

Touch button

# 04

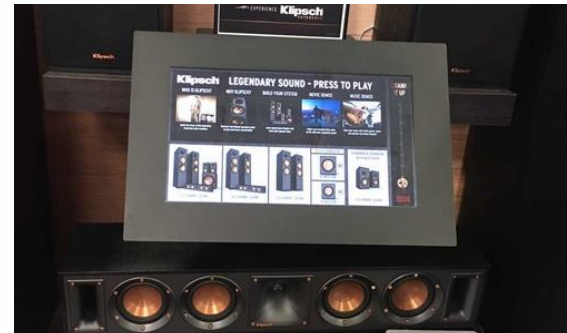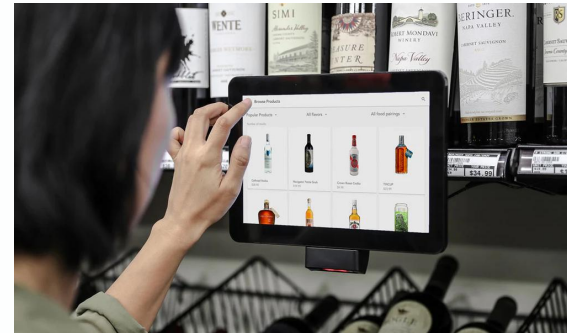Exhibition and Case studies

# Case Studies

# Case Studies

# Stick to customers, know better about the market



SGI

ISE

Global Shop

Euroshop

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# Thank you for listening