FOR BETTER
SHOPPING EXPERIENCE

Kerchan Technology Co., Ltd

KERCHAN
Professional Innovation

CONTENTS

ABOUT KERCHAN

In 2006, our product line was launched focusing on developing and manufacturing Digital Signage, LCD monitors, Android tablets, and LED Video Wall Displays for the retailer supermarket, Education industry, Medical industry, and media industry.

Today, we offer various services from simple customization of our standard product lines to full-scale OEM/ODM, both hardware and software. All products are produced in the dust-free workshop of an ISO9001-listed manufacturer.

All products are certificated by CE, ROHS, and FCC, and also meet international standards like UL, CB, PSE, EAC, NOM, VCCI, BSMI, SABER, etc...

WHY KERCHAN?

Short Lead Time

1-2 days for sample. 1-3 weeks for 500 units or less.

Flexible After-sales Services

1-3 years warranty, along with negotiable after-sales service plans.

Professionalism & Reliability

Only focused on the retail and supermarket industry for 18 years.

LCD Video Screen

Product List

Product Series	Diagonal in inch	Enclosed or open frame	Touch Screen or Not	Android based or not	Playback video via HDMI input or with USB/SD card or playback from internal memory	Ethernet/WiFi/ 4G for upload content remotely	Additional functions support	Possibility to install 3rd party APK	Support Video Resolution
K Series (Page 04)	7",10.1"	Open Frame	Non-touch	No Android	Playback video with USB/SD card	No	Push button, motion sensor	No	720p
H Series (Page 08)	7",13.3",18.5", 21.5",23.8",27", 32",43",and 50"	Closed Frame	Non-touch	No Android	Playback video via HDMI input or with USB/SD card	No	Motion Sensor	No	1080p
KH Series (Page 05)	7",10.1",11.6", 13.3",15.6",18.5", 21.5",23.8",27", 32",43",and 50"	Open Frame	Non-touch	No Android	Playback video via HDMI input or with USB/SD card	No	Push button, motion sensor	No	1080p
KD Series (Page 04)	7",11.6",13.3", 15.6",18.5",21.5", 23.8",27",32", 43",and 50"	Open Frame	Touch or Non-touch	Android 6.0	Playback from internal memory or with USB/SD card	No	Push button, motion sensor, RFID sensor, gesture sensor, Barcode Scanner	Yes	1080p
SD Series (Page 08)	7",10.1",13.3", 15.6",18.5",21.5", 23.8",27",32", 43",and 50"	Closed Frame	Touch or Non-touch	Android 6.0	Playback from internal memory or with USB/SD card	No	Push button, motion sensor, RFID sensor, gesture sensor, Barcode Scanner	Yes	1080p
S Series (Page 07)	7",10.1",13.3", 15.6",18.5",21.5", 23.8",27",32", 43",and 50"	Closed Frame	Touch or Non-touch	Android 11	Playback from internal memory or with USB/SD card	Ethernet/WiFi/ 4G for upload content remotely (7" can not support Ethernet nor 4G)	Push button, motion sensor, RFID sensor, gesture sensor, Barcode Scanner	Yes	1080p
KA Series (Page 06)	7",11.6",13.3", 15.6",18.5",21.5", 23.8",27",32", 43",and 50"	Open Frame	Touch or Non-touch	Android 11	Playback from internal memory or with USB/SD card	Ethernet/WiFi/ 4G for upload content remotely (7" can not support Ethernet nor 4G)	Push button, motion sensor, RFID sensor, gesture sensor, Barcode Scanner	Yes	1080p
KL Series (Page 05、06)	19",24",28", 29" and 37" 23.1",35.1", and 46.6"	Open or Closed Frame Long Narrow	Non-touch	Android 7: 47.6" Android 8: 23" Android 9: 46.6", 35" Android 11: 19", 24",28",29",37"	Playback from internal memory or with USB/SD card	Ethernet/WiFi/ 4G for upload content remotely (23.1",35.1", 46.6" can not support Ethernet or 4G)	19",24",28",29" and 37" can Support push button, motion sensor, RFID sensor, gesture sensor, Barcode Scanner	Yes	1080p
HL (Page 09)	19",24",28", 29"and 37" 23.1",35.1"	Open or Closed Frame Long Narrow	Non-touch	No Android	Playback video via HDMI input or with USB/SD card	No	Push button, motion sensor	No	1080p
Windows Series (Page 10)	11.6"	Open or Closed Frame	Touch or Non-touch	Windows 10	Playback from internal memory or with USB	Ethernet/WiFi	No	Yes	1080p
A Series (Page 10)	15.6",18.5",21.5", 23.8",27", 32", 43", 50"	Closed Frame	Touch or Non-touch	Android 11	Playback from internal memory or with USB	Ethernet/WiFi	Push button, motion sensor, RFID sensor, gesture sensor, Barcode Scanner	Yes	1080p

PS：The screen dimensions in this catalog are for reference only, please contact our sales representatives for latest correct dimensions if you would like to have the correct dimension drawing for design.

K SERIES

Basic open frame video screen;
Standalone version for loop videos from SD card or USB locally; AC or battery powered;

Features

- Open frame design, easy to integrate into POP/POS/PLV retail displays;
- 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;
- Optional functions:
  1) Motion Sensor: Auto power on/off with or without detecting moving body;
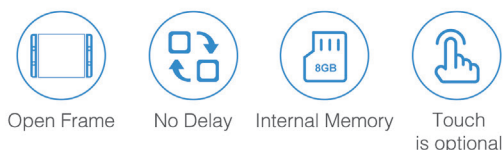 2) Push button: Play corresponding video when press button;

Open Frame | Auto Loop Video | Low Power Consumption | Motion Sensor | Push Button

Main parameters:

Model Number	Screen Size	Screen Definition	Support Video Resolution	Unit Size	Display Area	View Angle
SAD0705K	7"	800*480	720P	188.6*103.6*23.7mm	154*85mm	60 / 45 / 70 / 70
SAD1030K	10"	1024*600	720P	259*153.6*25.5mm	222.72*125.28mm	40 / 50 / 50 / 50
SAD0706K	7"	800*480	720P	188.6*103.6*23.7mm	154*85mm	60 / 45 / 70 / 70
SAD1050K	10"	1024*600	720P	259*153.6*25.5mm	222.72*125.28mm	40 / 50 / 50 / 50

KD SERIES

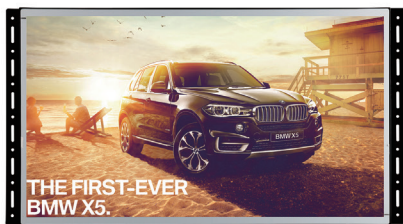Android open frame LCD video screen,
but no WiFi or Ethernet;

Features

- Open frame design, easy to integrate into POP/POS/PLV retail displays;
- 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;
- No WiFi, no Ethernet;
- Touch is optional;
- Optional Functions:
  1) Push button;   2) Motion sensor;   3) Bar-code scanner;
  4) Gesture sensor;   5) RFID for "Lift & Learn";

Open Frame | No Delay | Internal Memory | Touch is optional

Main parameters:

Model Number	Screen Size	Screen Definition	Support Video Resolution	Unit Size	Display Area	View Angle
SAD1160KD	11.6 "	1920*1080	1080P	305*163.5*32mm	256.33*144.18mm	89 / 89 / 89 / 89
SAD1330KD	13.3 "	1920*1080	1080P	352.47*213.27*34mm	293.76*165.24mm	89 / 89 / 89 / 89
SAD1560KD	15.6 "	1920*1080	1080P	396.65*228*28.5mm	344.16*193.59mm	89 / 89 / 89 / 89
SAD1850KD	18.5 "	1366*768	1080P	504.26*278.42*32mm	409.80*230.40mm	89 / 89 / 89 / 89
SAD2150KD	21.5 "	1920*1080	1080P	545*297*35mm	478*271mm	89 / 89 / 89 / 89
SAD2380KD	23.8 "	1920*1080	1080P	584*320.4*32.4mm	527.04*296.46mm	89 / 89 / 89 / 89
SAD2701KD	27 "	1920*1080	1080P	652.5*358.8*35mm	597.89*336.31mm	89 / 89 / 89 / 89
SAD3201KD	32 "	1920*1080	1080P	779.2*416*46.5mm	698.4*392.85mm	89 / 89 / 89 / 89
SAD4203KD	43 "	1920*1080	1080P	1022.7*554.05*54.05mm	940.9*529.25mm	89 / 89 / 89 / 89
SAD5001KD	50 "	1920*1080	1080P	1161.7*638*64mm	1078.38*610.5mm	89 / 89 / 89 / 89

KH SERIES

Full HD open frame video screen, support 1080p videos;
Standalone version for loop videos from SD card or USB locally; With HDMI input;

Features

- Support 1080p videos;
- With HDMI input, to connect to an external media player;
- Open frame design, easy to integrate into POP/POS/PLV retail displays;
- 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;
- Optional functions:
  1) Motion Sensor: Auto power on/off with or without detecting moving body;
  2) Push button: Play corresponding video when press button;

Auto loop Video | **1080P** | **HDMI Input** | **Motion Sensor** | **Push Button**

Main parameters:

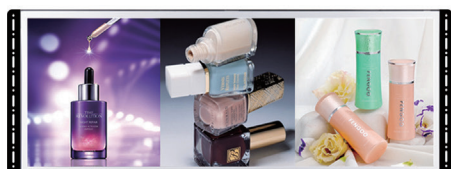| Model Number	Screen Size	Screen Definition	Support Video Resolution	Unit Size	Display Area	View Angle
SAD0705KH	7 "	1024*600	1080P	188*103*23mm	154.21*85.92mm	89 / 89 / 89 / 89
SAD0701KH	7 "	1024*600	1080P	213.76*125.96*28mm	154.68*86.52mm	80 / 80 / 80 / 80
SAD1030KH	10.1 "	1280*800	1080P	260*153*26mm	216.96*135.60mm	80 / 80 / 80 / 80
SAD1160KH	11.6 "	1920*1080	1080P	305*163.5*32mm	256.33*144.18mm	89 / 89 / 89 / 89
SAD1330KH	13.3 "	1920*1080	1080P	352.47*213.27*34mm	293.76*165.24mm	89 / 89 / 89 / 89
SAD1560KH	15.6 "	1920*1080	1080P	395.65*228*28.5mm	344.16*193.59mm	89 / 89 / 89 / 89
SAD1850KH	18.5 "	1366*768	1080P	504.26*278.42*32mm	409.80*230.40mm	89 / 89 / 89 / 89
SAD2150KH	21.5 "	1920*1080	1080P	548.04*298.55*33.6mm	476.06*267.79mm	89 / 89 / 89 / 89
SAD2380KH	23.8 "	1920*1080	1080P	584*320.4*32.4mm	527.04*296.46mm	89 / 89 / 89 / 89
SAD2701KH	27 "	1920*1080	1080P	652.5*358.8*35mm	597.89*336.31mm	89 / 89 / 89 / 89
SAD3201KH	32 "	1920*1080	1080P	779.2*419.05*44mm	698.4*392.85mm	89 / 89 / 89 / 89
SAD4203KH	42 "	1920*1080	1080P	1022.7*554.05*54.05mm	940.9*529.25mm	89 / 89 / 89 / 89
SAD5001KH	50 "	1920*1080	1080P	1161.7*638*64mm	1078.38*610.5mm	89 / 89 / 89 / 89

KL SERIES

Shelf edged LCD Video Screen

Features

- Horizontal or vertical display;
- Dispaly in full page or in split mode;
- 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 as has 8GB internal memory;
- With WiFi, support CMS to upload videos remotely;
- K-Smart pre-installed, auto loop videos after power on;

Horizontal / Vertical Installation | **Split Screen** | **Customized Size** | **WIFI**

Main parameters:

Model Number	Screen Size	Screen Definition	Support Video Resolution	Unit Size	Display Area	View Angle
SAD2310KL	23.1''	1920*158	1080P	598.62*65*21.5mm	585*47.9mm	89 / 89 / 89 / 89
SAD3510KL	35.1''	2880*158	1080P	895.6*65.4*20mm	878.4*48.19mm	89 / 89 / 89 / 89
SAD4660KL	46.6''	3840*120	1080P	1202.4*52.7*24.3mm	1183.68*36.99mm	89 / 89 / 89 / 89

KL SERIES

Open frame / closed frame ultra wide shelf edged LCD screen;
Android based, WiFi, Ethernet and HDMI input are optional;

Features

- Horizontal or vertical display;
- Dispaly in full page or in split mode;
- 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 as has 8GB internal memory;
- Android based, WiFi and Ethernet are optional;
- K-Smart pre-installed, auto loop videos after power on;
- Optional Functions:
  1) Motion sensor; 2) Bar-code scanner; 3) Gesture sensor; 4) RFID for "Lift & Learn";

Horizontal / Vertical Installation   Split Screen   Customized Size

Main parameters:

Model Number	Screen Size	Screen Definition	Support Video Resolution	Unit Size	Display Area	View Angle
SAD1901KL	19''	1920*360	1080P	537.5*113.4*29mm	476.64*89.37mm	89 / 89 / 89 / 89
SAD2401KL	24''	1920*360	1080P	670.6*145*35.7mm	599.6*116mm	89 / 89 / 89 / 89
SAD2801KL	28''	1920*360	1080P	780*170*33mm	699.84*131.22mm	89 / 89 / 89 / 89
SAD2901KL	29''	1920*632	1080P	741.5*269.4*58mm	698.4*230mm	89 / 89 / 89 / 89
SAD3701KL	37''	1920*540	1080P	960.9*283.9*44mm	899.7*253.04mm	89 / 89 / 89 / 89
SAD4760KL	47.6''	1920*360	1080P	1201.44*251.42*37mm	1189.44*223.02mm	89 / 89 / 89 / 89

KA SERIES

Android open frame LCD video screen,
With both WiFi and Ethernet, 4G is optional;

Features

- Open frame design, easy to integrate into POP/POS/PLV retail displays;
- 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;
- With both WiFi and Ethernet, 4G is optoinal;
- Touch is optional;
- Optional Functions:
  1) Push button; 2) Motion sensor; 3) Bar-code scanner; 4) Gesture sensor;
  5) RFID for "Lift & Learn"; 6) Use online CMS to upload videos remotely;

Open Frame   No Delay   WIFI   Update Remotely   4G

Main parameters:

Model Number	Screen Size	Screen Definition	Support Video Resolution	Unit Size	Display Area	View Angle
SAD0701KA	7''	1024*600	1080P	213.76*125.96*28mm	154.68*86.52mm	80 / 80 / 80 / 80
SAD1030KA	10.1''	1280*800	1080P	260*153*26mm	216.96*135.60mm	80 / 80 / 80 / 80
SAD1160KA	11.6''	1920*1080	1080P	305*163.5*32mm	256.33*144.18mm	89 / 89 / 89 / 89
SAD1330KA	13.3''	1920*1080	1080P	352.47*213.27*34mm	294.3*165.4mm	89 / 89 / 89 / 89
SAD1560KA	15.6''	1920*1080	1080P	395.65*228*28.5mm	344.16*193.59mm	89 / 89 / 89 / 89
SAD1850KA	18.5''	1366*768	1080P	504.26*283.93*37.1mm	408.7*229mm	89 / 89 / 89 / 89
SAD2150KA	21.5''	1920*1080	1080P	548.04*298.55*33.6mm	476.06*267.79mm	89 / 89 / 89 / 89
SAD2380KA	23.8 "	1920*1080	1080P	606.24*319.66*45.9mm	527.04*296.46mm	89 / 89 / 89 / 89
SAD2701KA	27 "	1920*1080	1080P	696*372.2*47.3mm	597.88*336.32mm	89 / 89 / 89 / 89
SAD3201KA	32 "	1920*1080	1080P	779.2*396.35*46.5mm	698.48*392.85mm	89 / 89 / 89 / 89
SAD4203KA	43 "	1920*1080	1080P	1057.9*589.25*55.5mm	940.9*529.25mm	89 / 89 / 89 / 89
SAD5001KA	50 "	1920*1080	1080P	1161.7*638*64mm	1078.38*608.6mm	89 / 89 / 89 / 89

N SERIES

Basic closed frame video screen;
Standalone version for loop videos from SD card or USB locally; AC or battery powered;

Features

- Enclosed frame with VESA holes on back, easy to mount on wall or display shelf;
- 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;
- Optional functions: Motion Sensor: Auto power on/off with or without detecting moving body;

Enclosed Design | Auto loop Video | Low Power Consumption | Motion Sensor

Main parameters:

Model Number	Screen Size	Screen Definition	Support Video Resolution	Unit Size	Display Area	View Angle
SAD0702N	7"	800*480	720P	216.9*151.8*32.5mm	153*85mm	60 / 45 / 70 / 70
SAD1010N	10"	1024*600	720P	271.6*165.6*24.8mm	222*124mm	40 / 50 / 50 / 50

S SERIES

Android enclosed frame LCD video screen,
With both WiFi and Ethernet, 4G is optional;

Features

- Enclosed frame with VESA holes on back, easy to mount on wall or display shelf;
- 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;
- With both WiFi and Ethernet, 4G is optoinal;
- Touch is optional;
- Optional Functions:
  1) Motion sensor; 2) Bar-code scanner; 3) Gesture sensor;
  4) RFID for "Lift & Learn"; 5) Use online CMS to upload videos remotely;

No Delay | WIFI | Touch | Update Remotely | 4G

Main parameters:

Model Number	Screen Size	Screen Definition	Support Video Resolution	Unit Size	Display Area	View Angle
SAD0701S	7''	1024*600	1080P	191.76*125.96*27mm	154.68*86.52mm	80 / 80 / 80 / 80
SAD1010S	10.1''	1280*800	1080P	252.05*174.05*27.6mm	216.96*135.60mm	80 / 80 / 80 / 80
SAD1330S	13.3''	1920*1080	1080P	330.47*213.27*33mm	294.3*165.4mm	89 / 89 / 89 / 89
SAD1560S	15.6''	1920*1080	1080P	388.05*238.05*34.1mm	344.16*193.59mm	89 / 89 / 89 / 89
SAD1850S	18.5''	1366*768	1080P	463.43*283.93*37.1mm	408.7*229mm	89 / 89 / 89 / 89
SAD2150S	21.5''	1920*1080	1080P	521.67*313.17*39mm	476*267.5mm	89 / 89 / 89 / 89
SAD2380S	23.8"	1920*1080	1080P	544.24*319.66*45.9mm	527.04*296.46mm	89 / 89 / 89 / 89
SAD2701S	27"	1920*1080	1080P	656.02*394.02*41.2mm	597.88*336.32mm	89 / 89 / 89 / 89
SAD3201S	32"	1920*1080	1080P	757.12*450.6*51.75mm	699.4*393.8mm	89 / 89 / 89 / 89
SAD4203S	43"	1920*1080	1080P	1000.9*589.25*55.5mm	940.9*529.25mm	89 / 89 / 89 / 89
SAD5001S	50"	1920*1080	1080P	1094.4*626*57.5mm	1078.6*609.5mm	89 / 89 / 89 / 89

SD SERIES

Android enclosed frame LCD video screen, but no WiFi or Ethernet;

Features

- Enclosed frame with VESA holes on back, easy to mount on wall or display shelf;
- 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;
- No WiFi, no Ethernet;
- Touch is optional;
- Optional Functions:
  1) Motion sensor; 2) Bar-code scanner; 3) Gesture sensor; 4) RFID for "Lift & Learn";

No Delay | **Internal Memory** 8GB | **No WiFi** | **Touch**

Main parameters:

Model Number	Screen Size	Screen Definition	Support Video Resolution	Unit Size	Display Area	View Angle
SAD1010SD	10.1 "	1280*800	1080P	252.05*174.05*27.6mm	216.96*135.60mm	80 / 80 / 80 / 80
SAD1330SD	13.3''	1920*1080	1080P	330.47*213.27*33mm	294.3*165.4mm	89 / 89 / 89 / 89
SAD1560SD	15.6 "	1920*1080	1080P	388.05*238.05*34.10mm	344.16*193.59mm	89 / 89 / 89 / 89
SAD1850SD	18.5''	1366*768	1080P	463.43*283.93*37.1mm	408.7*229mm	89 / 89 / 89 / 89
SAD2150SD	21.5''	1920*1080	1080P	502*297*35mm	478*271mm	89 / 89 / 89 / 89
SAD2380SD	23.8"	1920*1080	1080P	595.5*363.1*43.6mm	528.2*297.6mm	89 / 89 / 89 / 89
SAD2701SD	27"	1920*1080	1080P	662*400*41.03mm	598.6*337.14mm	89 / 89 / 89 / 89
SAD3201SD	32"	1920*1080	1080P	763.77*457.21*47.02mm	699.4*393.84mm	89 / 89 / 89 / 89
SAD4203SD	43"	1920*1080	1080P	965.7*554.05*54.05mm	940.9*529.25mm	89 / 89 / 89 / 89
SAD5001SD	50"	1920*1080	1080P	1094.4*626*57.5mm	1078.38*609.5mm	89 / 89 / 89 / 89

H SERIES

Full HD closed frame video screen, support 1080p videos;
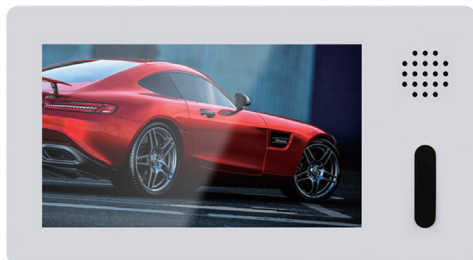Standalone version for loop videos from SD card or USB locally; With HDMI input;

Features

- Support 1080p videos;
- With HDMI input, to connect to an external media player;
- Enclosed frame with VESA holes on back, easy to mount on wall or display shelf;
- 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;
- Optional functions:
  Motion sensor, to auto power on/off with or without detecting moving body;

Auto On / Off | **1080P** | **HDMI Input**

Main parameters:

Model Number	Screen Size	Screen Definition	Support Video Resolution	Unit Size	Display Area	View Angle
SAD0701H	7.1''	1024*600	1080P	191.76*125.96*27mm	154.68*86.52 mm	80 / 80 / 80 / 80
SAD1330H	13.3''	1920*1080	1080P	330.47*213.27*33mm	294.3*165.4mm	89 / 89 / 89 / 89
SAD1850H	18.5''	1366*768	1080P	463.43*283.93*37.1mm	408.7*229mm	89 / 89 / 89 / 89
SAD2150H	21.5"	1920*1080	1080P	503.95*298.55*33.6mm	476.06*267.79mm	89 / 89 / 89 / 89
SAD2380H	23.8"	1920*1080	1080P	595.5*363.1*43.6mm	528.2*297.6mm	89 / 89 / 89 / 89
SAD2701H	27"	1920*1080	1080P	662*400*41.03mm	598.6*337.14mm	89 / 89 / 89 / 89
SAD3201H	32"	1920*1080	1080P	763.77*457.21*47.02mm	699.4*393.84mm	89 / 89 / 89 / 89
SAD4203H	43"	1920*1080	1080P	965.7*554.05*54.05mm	940.9*529.25mm	89 / 89 / 89 / 89
SAD5001H	50"	1920*1080	1080P	1094.4*626*57.5mm	1078.6*609.5mm	89 / 89 / 89 / 89

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, unit size can be customized, can print artworks;
- Low power consumption, powered by AC or batteries;
- Optional Functions:
  1) Motion Sensor: Auto power on/off with or without detecting moving body;
  2) Push button: Play corresponding video when press button;
  3) Built in battery;

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

Main parameters:

Model Number	Screen Size	Screen Definition	Support Video Resolution	Unit Size	Display Area	View Angle
SAD0403C	4"	800*480	720P	146.66*118.6*13mm	95.04*53.86mm	65 / 65 / 50 / 55
SAD0706C	7"	800*480	720P	204*149*13mm	155.08*87mm	60 / 45 / 70 / 70
SAD0706C2	7"	800*480	720P	204*149*14.5mm	155.08*87mm	60 / 45 / 70 / 70

Splicing Video Screen

Features

- HDMI input.
- Unique sizes can be customized.
- Boot or shutdown per designed schedule.
- Individual display or connect & synchronize mode.

Individual Display
(SAD2310HL)

Connect Mode
(SAD2150PJ)

Synchronize Mode
(SAD2310HL)

Main parameters:

Model Number	Screen Size	Screen Definition	Support Video Resolution	Unit Size	Display Area	View Angle
SAD2310HL	23.1''	1920*158	1080P	597.4*60.4*15.8mm	585.6*48.19mm	89 / 89 / 89 / 89
SAD1850PJ	18.5''	1920*1080	1080P	433.8*258.09*33mm	409.8*230.4mm	89 / 89 / 89 / 89
SAD2150PJ	21.5''	1920*1080	1080P	484.5*284.4*34.3mm	476.064*267.786mm	89 / 89 / 89 / 89
SAD2380PJ	23.8''	1920*1080	1080P	535*313*34mm	527.04*296.46mm	89 / 89 / 89 / 89
SAD2701PJ	27''	1920*1080	1080P	607.1*354.1*33.9mm	597.89*336.31mm	89 / 89 / 89 / 89
SAD3201PJ	32''	1920*1080	1080P	720.2*419.05*48mm	698.4*392.85mm	89 / 89 / 89 / 89
SAD4203PJ	43''	1920*1080	1080P	965.7*554.05*54.05mm	940.9*529.25mm	89 / 89 / 89 / 89

Windows Series

The Windows 10 OS based LCD Monitor Screen, With robust metal shell, can be used for both industrial and commercial use. Removable open frame mounting ears allows to integrate into a POS/POP Display furniture. And when removed the open frame ears, it will be Enclosed design with VESA standard which is easy to mount on wall shelf. All Windows based LCD Monitor Screen with built-in VGA interface, HDMI output, USB and RJ45.It's a great choice for your commercials.

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;

Main parameters:

Model Number	Screen Size	Screen Definition	Support Video Resolution	Unit Size	Display Area	View Angle
SAD1160W	11.6''	1920*1080	1080P	304.1*174*36.3mm	256.32*144.18mm	89 / 89 / 89 / 89

A SERIES

Android enclosed frame LCD video screen, With both WiFi and Ethernet, 4G is optional;

Features

- Plastic shell, make the product more lightweigh;.
- Enclosed frame with VESA holes on back, easy to mount on wall or display shelf;
- 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;
- With both WiFi and Ethernet, 4G is optoinal;
- Touch is optional;
- Optional Functions:
  1) Motion sensor; 2) Bar-code scanner; 3) Gesture sensor;
  4) RFID for "Lift & Learn"; 5) Use online CMS to upload videos remotely;

Plastic shell   WIFI   Touch   Update Remotely   4G

Main parameters:

Model Number	Screen Size	Screen Definition	Support Video Resolution	Unit Size	Display Area	View Angle
SAD1560A	15.6''	1920*1080	1080P	403.8*252.8*31.5mm	344.8*193.7mm	89 / 89 / 89 / 89
SAD1850A	18.5''	1366*768	1080P	462*282.5*35.3mm	410.5*230.9mm	89 / 89 / 89 / 89
SAD2150A	21.5''	1920*1080	1080P	539.11*332.21*39.75mm	475.5*266.6mm	89 / 89 / 89 / 89
SAD2380A	23.8''	1920*1080	1080P	595.5*363.1*43.6mm	528.2*297.6mm	89 / 89 / 89 / 89
SAD2701A	27''	1920*1080	1080P	662*400*41.03mm	598.6*337.14mm	89 / 89 / 89 / 89
SAD3201A	32''	1920*1080	1080P	763.77*457.21*47.02mm	699.4*393.84mm	89 / 89 / 89 / 89

Android Tablet with Built-in PoE (Power over Ethernet)

The Android PoE Tablets are specifically designed for commercial and retail applications. With this in mind, the tablet is designed with VESA mounting holes on the back or open frame mounting ears on both side edges. All tablets come with built-in Wi-Fi, a wired RJ45 Ethernet connection, and internal memory can be expanded as needed through the SD memory slot or USB.

The special feature of these Android PoE Tablets is the power supply via PoE(Power over Ethernet)", which means you only need one network cable for both power supply and data. It's suitable for being used at places where electricity power supply is unavailable.

Main parameters:

Model Number	Screen Size	Screen Definition	Support Video Resolution	Unit Size	Display Area	View Angle
SAD1010S–POE	10.1''	1280*800	1080P	252.05*174.05*27.6mm	216.96*135.60mm	80 / 80 / 80 / 80
SAD1330S–POE	13.3''	1920*1080	1080P	330.47*213.27*33mm	294.3*165.4mm	89 / 89 / 89 / 89
SAD1560S–POE	15.6''	1920*1080	1080P	388.05*238.05*34.1mm	344.16*193.59mm	89 / 89 / 89 / 89
SAD1160KA–POE	11.6''	1920*1080	1080P	305*163.5*32mm	256.33*144.18mm	89 / 89 / 89 / 89
SAD1330KA–POE	13.3''	1920*1080	1080P	352.47*213.27*34mm	294.3*165.4mm	89 / 89 / 89 / 89
SAD1560KA–POE	15.6''	1920*1080	1080P	395.65*228*28.5mm	344.16*193.59mm	89 / 89 / 89 / 89

SOFTWARE

Remote Management Software (CMS)

Way to create, manage and distribute videos to any screen at any time from anywhere. Any user, even one with limited IT experience can create, schedule and manage digital signage screens with this online CMS software. No design, IT or technical skills required.
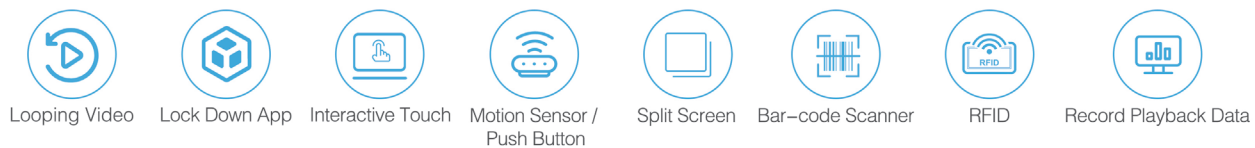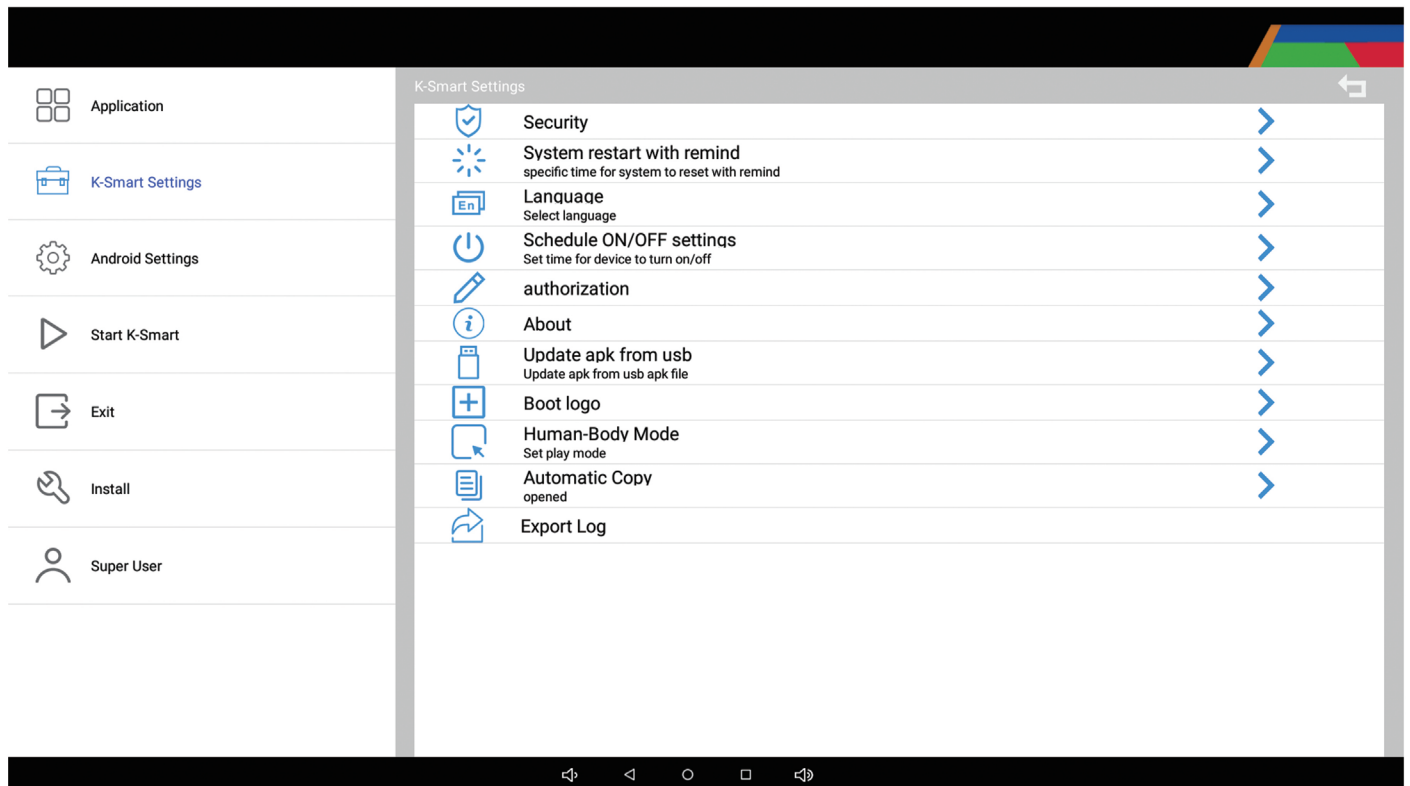
Features

- Accessible from any PC and easy-to-use.
- No design, IT or technical skills required.
- Content playlist management.
- Easy to publish content.
- Terminal status monitoring.
- Terminal remote control.
- Split screen with different videos and pictures.

APK for Retail Screen

K-Smart, a Kerchan developed app, mainly for retail display industry.

Application	K-Smart Settings	
K-Smart Settings	Security	>
Android Settings	System restart with remind specific time for system to reset with remind	>
Start K-Smart	Language Select language	>
Exit	Schedule ON/OFF settings Set time for device to turn on/off	>
Install	authorization	>
Super User	About	>
	Update apk from usb Update apk from usb apk file	>
	Boot logo	>
	Human-Body Mode Set play mode	>
	Automatic Copy opened	>
	Export Log	

Looping Video | Lock Down App | Interactive Touch | Motion Sensor / Push Button | Split Screen | Bar−code Scanner | RFID | Record Playback Data

Features:

- Enable Android device to auto loop videos after power on;
- Lockdown 3rd party app or website as Home page;
- Edit and play interactive contents;
- Support motion sensor and push button;

- Support barcode scanner, enable screens to run corresponding videos with related bar code;
- Support RFID tags for "Lift & Learn";
- Record the playing date, such as how many time, how long each video runs;

SOUND
SOLUTIONS

Android Media Player

KRC-ANBOX (Android OS, with Wifi and Ethernet)

WiFi
4G

SIM

DC
USB1
USB2
SD card
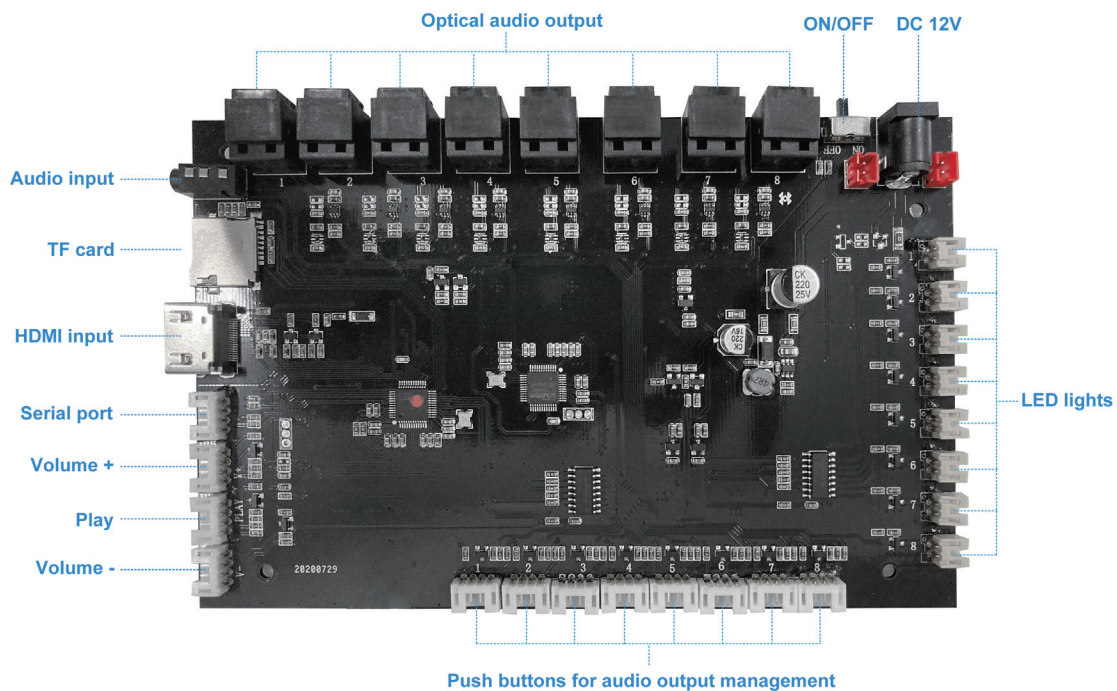HDMI
WAN/LAN
AUX
UBOOT
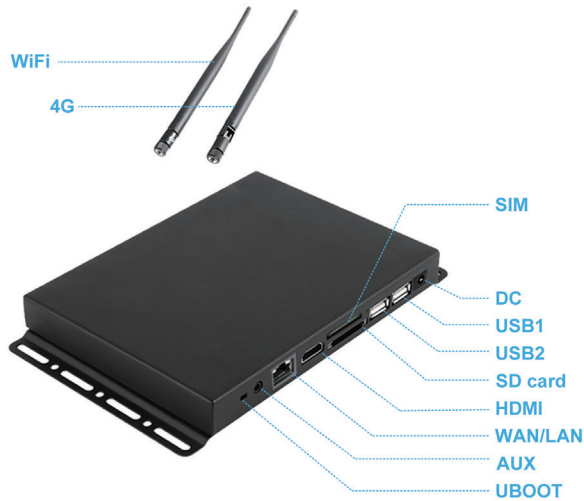
Features:

- 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
- With both WiFi and Ethernet, 4G is optoinal
- Optional Functions:

  1) Push button; 2) Motion sensor; 3) Bar-code scanner;

  4) Gesture sensor; 5) RFID for "Lift & Learn"; 6) Use online CMS to upload videos remotely;

Optical Audio Player

Kerchan display audio capabilities also include:

- Up to 8 audio devices
- Optical audio output
- LED lighting/LED panel control
- Private designed plastic housing to protect the circuit board
- Be-spoken play logical for each project
- Audio assemblies will be tailored to your exact specifications

Optical audio output   ON/OFF   DC 12V

Audio input

TF card

HDMI input

Serial port

Volume +

Play

Volume -

LED lights

Push buttons for audio output management

🔵 3.5mm Audio Player

KRC-YP-BOX

Kerchan's proprietary WAV audio players offer high-quality, industry-leading sound in a variety of display options.

Integrate Kerchan display's LCD retail screen hardware within your audio point–of–purchase display to create an ear–catching experience.The combination of multiscreen and audio player will captivate and engage customers when they're walking down the audio aisle.

We can provide a small low–cost transducer that provides exceptionally high–quality sound when placed on your display. Integrate lighting and a media player, and your permanent display will attract even the most focused shopper.

Kerchan display audio capabilities also include:

- Up to 6 audio devices(Speaker, Headset, Soundbar,Subwoofer,etc...)
- Analog outputs.
- 3.5mm audio output.
- 3.5mm audio input.
- Personal audio device (mobile phone) input.
- LED lighting / LED panel control.
- Private designed plastic housing to protect the circuit board.
- Be-spoken play logic for each project.

3.5mm audio

LED panel control

ON/OFF

Power Supply

Logo

Screen

Button
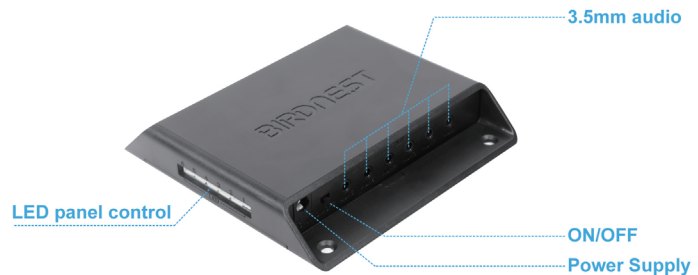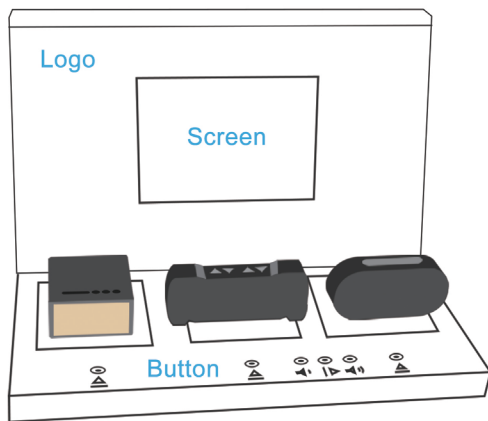
🔵 Digital Audio Player

KRC-SZYP-BOX

Kerchan display audio capabilities also include:

- Up to 4 audio devices (speaker, headset, sound-bar, subwoofer etc.)
- LED lighting/LED panel control
- Personal audio device (mobile phone) input
- Private designed plastic housing to protect the circuit board
- Be-spoken play logical for each project
- Audio assemblies will be tailored to your exact specifications

USB audio output
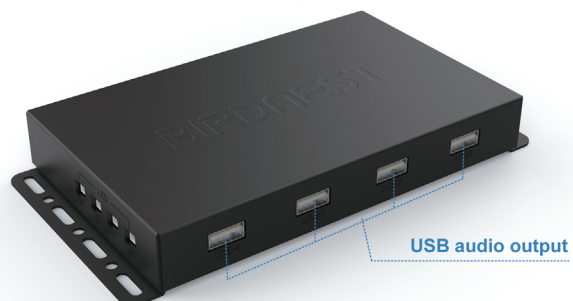
Interactive LCD Solutions

Lift and Learn

K–Smart   **RFID**   **Touch**   **Sensor**   **One Video To One RFID Tag**

Features

- Work with K-Smart.
- Kerchan developed RFID sensors.
- Work with SD/KD/KA/KL/S.
- Support touch screen.
- One sensor for one product.
- One video to one RFID tag.
  it doesn't matter if shopper puts product A to sensor B.

No lift, screen loop default videos

Lift product A, Play video A, Lift product B, Play video B

Bar-code Scanner

K–Smart   **No Limitation To The Qty**   **Touch**

Features

- Work with K-Smart.
- No limitation to the Qty of products. Hundreds or thousand products can be included at the same time.
- Work with SD/KD/KA/KL/S.
- Support touch screen.
- Scan the product barcode, play the product information on the LCD screen.

Scan product A barcode, play product A information;
Scan product B barcode, play product B information...

Gesture Sensor

SD/KD/KA/KL/S
This solution works with SD/KD/KA/KL/S Series LCD Screens
https://www.youtube.com/watch?v=gxZxLZ8aGHU
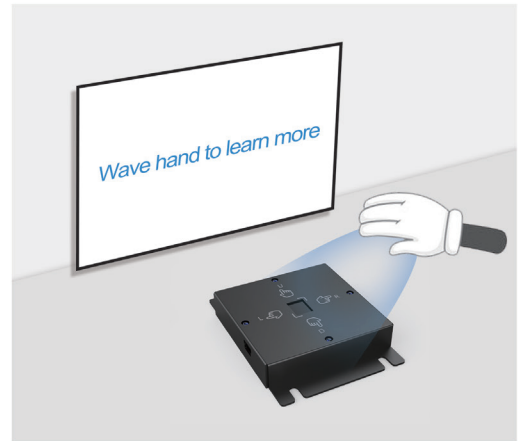
K-Smart   Infrared sensor   Hands-free

Features

- Work with K-Smart.

- 10cm detection range.

- Up to 6 custom hand gestures: Left / Right, Back / Forth, Up / Down.

- Wave hand to trigger videos (Previous / Next), Volume(+/-).

Wave hand to learn more

Touchless Sensor Button

SD/KD/KA/KL/S
This solution works with SD/KD/KA/KL/S Series LCD Screens
https://www.youtube.com/watch?v=j3-0AAwPUxE

Due to long time conditioning with Covid-19 crisis, shoppers prefer to use buttons without touching them, thus, we have to bring a new contactless solution to the interactive retail fields. The touchless sensor button is an alternative to traditional push buttons in existing interactive displays.
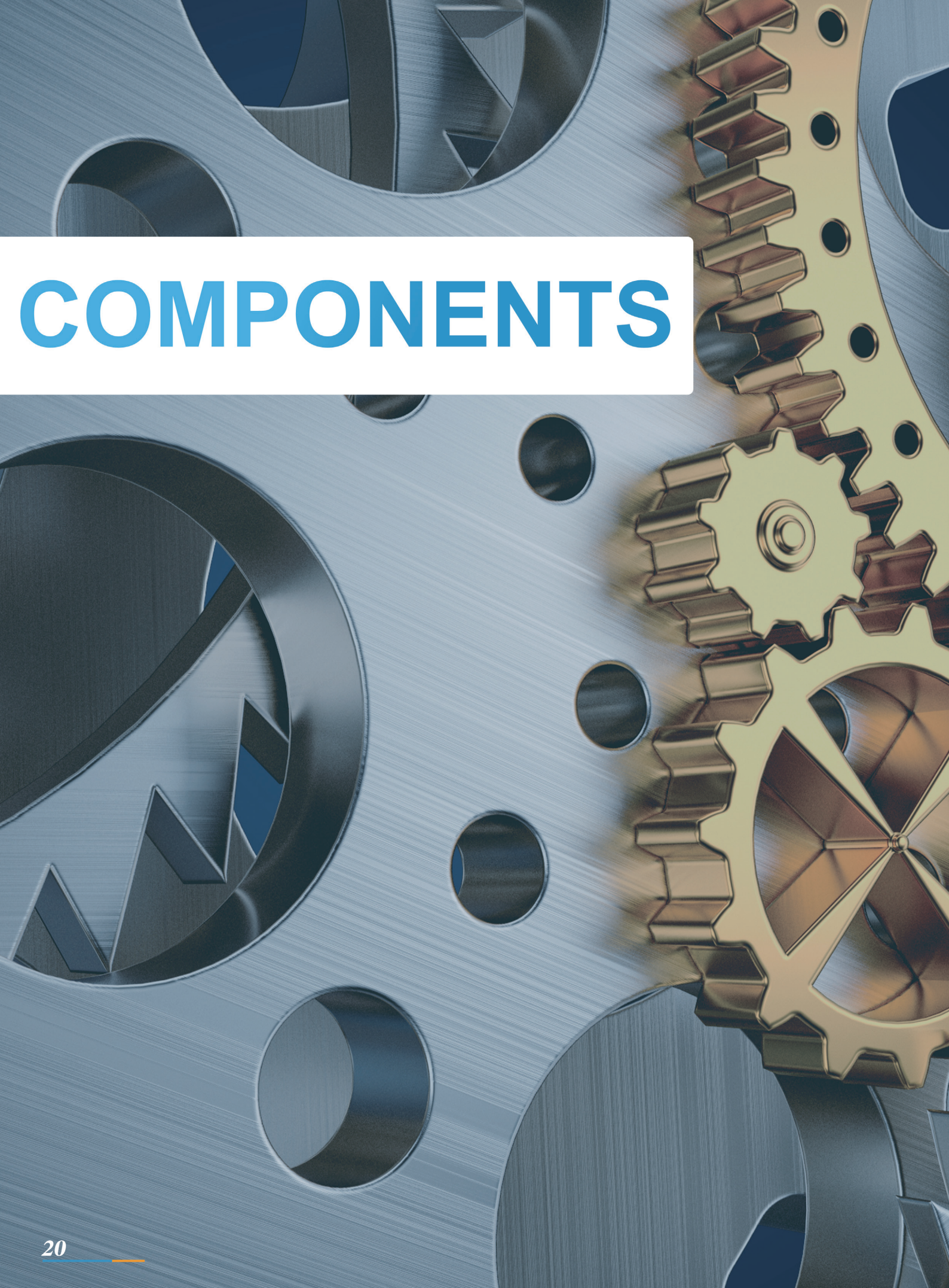
Features

- Triggered without direct contact.

- Up to 8 buttons.

- Various sizes available, 16mm, 19mm, 22mm, 38mm, etc...

- Optional LED ring in Green, Red, Blue, White, etc...

- 0 to 15cm effective range.

- Be-spoken playing logical for each project.

LED Lighting & LED Panel

COMPONENTS

Components

Kerchan offers components and parts to complete or repair current displays.
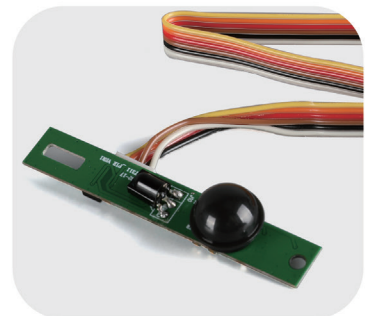

Push buttons

Speakers

Battery packs

SD card extender

Lithium ion rechargable battery

Motion sensor

Memory card

Online CMS

CMS

USB extension cable

Components

Hand Gesture

Scanner

Touchless sensor button

RFID

Tension switch

Brands Kerchan serves through retail display companies

amazon

beats. by dr. dre.

Google

SONY

LG

SAMSUNG

Panasonic

TOMTOM

Marshall

DENON®

SONOS

PHILIPS

RinG

NEST

AKG

audio-technica

JBL

GoPro.

fitbit

GARMIN.

HOW TO CONTROL OUR QUALITY?

1. Incoming inspection

2. Production

3. Inspection on production

4. Aging test

5. Full inspection

6. QA inspection

7. Spot inspection before shipment

What are the Processes of New Projects?
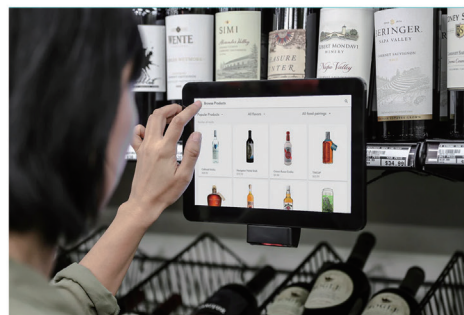
Project Target

Engage

Validate

Test

Launch

Design

LCD Applications

CULTURE

Enterprise Vision

To be a first class company providing satisfying service to customers and happiness to staff.

Enterprise Mission

For better shopping experience.

Enterprise Values

Integrity & Pragmatic, Excelsior, Transformation & Innovation, Overall Supremacy.