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Thailand Subsidiary

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ทีอยู่: 86 นิวนิว˘รอวเวาท ถ. กษโภาดชัร ข. มษกโรทนัจ ข. รกัจตตัจ พทเงุรก
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CMAC TECHNOLOGY

封面背后留白

INTROUDUCTION

Locating in Guangdong-Hong Kong-Macao Greater Bay Area, Shenzhen CMAC Technology Co. Ltd., Which was Founded in September 2010, is Dedicated to researching & developing digital signages/ digital signal products.

With the growth of deacade, CMAC has not only covered a Technology Base of 15,000 square meters, but also gathered a senior technical team which engage in liquid crystal displays' research and development.

Our product ranges cover Indoor & Outdoor displays for both household and commercial use, such as Floor standing & Wall mounting advertisement Displays, Video Wall, Touch Screen digital Signages, Electronic Whiteboards, glass-free 3D Displays etc. It offers solutions for city public trasports, Commercial Display, Digital educations, Entertainments and relative areas.

CMAC has been exploring the industrial needs of digital signages signages, and pushing traditional visual products to the ultimate level. We will continue to innovate smart products with powers of science and technology, show people boundless visions by digital signal products, provide customers professionalism, and devote to create a brilliant future.

HISTORY

In 2011, we have engaged in the Commercial Display industry and devoted to the research and development of commercial display products.
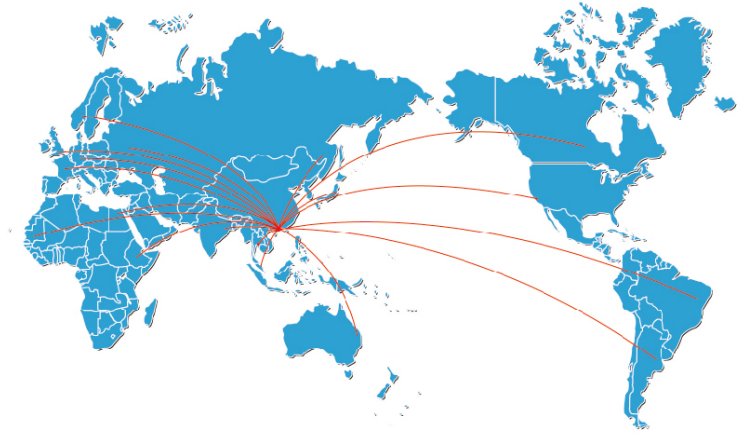
In 2014, as the wholly-owned subsidiary of MACC Electronic (Shenzhen) Co., Ltd., CMAC has mainly engaged in commercial display products.
In 2015, we independently developed and designed ELED advertising products.

In 2016, focusing on the development of overseas markets, so the United States and Thailand Subsidiaries were founded.

In 2017, Team of mainboard software development was set up to create a new situation of intelligent commercial displays combining hardware and software.Then, we have won the bidding of Shenzhen goverment and finished the installation of display products with our self-developed systems at various ports.

In 2018, mainboards of CMAC RK3188 & RK3288 were mass-produced and sold to Europe, America and Middle East markets, along with relative hardware products.Afterthat, mainboards and CMS were formally applied to the well-known chain catering "Diandude" domestic.

In 2019, CMAC and FOXCONN Vpanel have cooperated to engage the conference machine market.

Create Most
Affective Changes

C-MAC
深圳市希迈科技有限公司

超窄无边框
4K · 超高清

430N191

CONTENTS

D176 Series Wall-mounting(non touch)

LED RJ45
HDMI SD
FULL HD 1080 USB

Size:
/32"/43"/48"/49"/55"

Brightness:
350 Nits

Resolution:
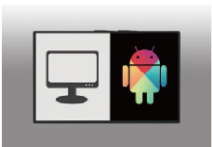1366*768(RGB)/1920*1080(RGB)/3840*2160(RGB)

Super slim design, 16mm

4-side-equal slim Bezel
20mm

Built in USB*3/RJ45*1/
TF slot*1/Wi-Fi/3G/4G/
Bluetooth(option)

Multi-platform switching freely,
among PC, monitor and Android

Aluminium alloy frame
+Metal housing

High-strength tempered glass
(Option)

D182 Series Wall-mounting(TV PLASTIC Housing)

LED RJ45
HDMI SD
FULL HD 1080 USB

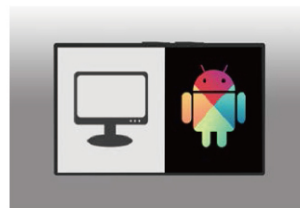Size:
32"/43"/49"/55"/65"/75"

Brightness:
350 Nits

Resolution:
1366*768(RGB)/1920*1080(RGB)/3840*2160(RGB)

4-side-equal slim Bezel,14mm

Built in USB*3/RJ45*1/SD slot*1/Wi-Fi/
Bluetooth(option)

Multiplatform switching freely,
between monitor and Android

High-strength tempered glass(Option)

D191Series Wall-mounting(non touch)

Size:
32"/43"/49"/55"/65"/75"

Brightness:
350 Nits/500 Nits

Resolution:
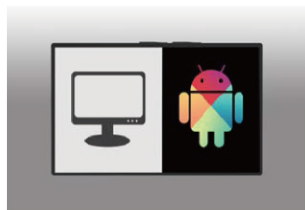1366*768(RGB)/1920*1080(RGB)/3840*2160(RGB)

Super thin cesign

Resolution: 1366*768(RGB)/
1920*1080(RGB)/3840*2160(RGB)

Built in USB*3/RJ45*1/TFslot*1/
Wi-Fi/3G/4G/Bluetooth(option)

Multiplatform switching freely,
between monitor and Android

Sheet metal structure integrated LED backlight

D193 Series Wall-mounting(IR touch)
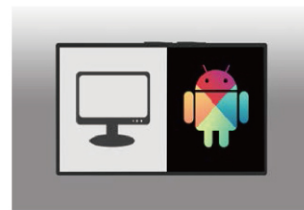

Size:
32"/43"/49"/55"/65"

Brightness:
350 Nits

Resolution: 1366*768(RGB)/
1920*1080(RGB)/3840*2160(RGB)

Built in USB*3/RJ45*1/TF slot*1/
Wi-Fi/3G/4G/Bluetooth(option)

Multiplatform switching freely, among PC,
monitor and Android

Super thin cesign

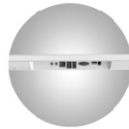# D195 Series Wall-mounting(Capacitive Touch)

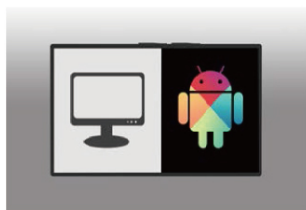Size:
18.5"/21.5"/23.6"/32"/43"/49"/55"/65"

Brightness:
350 Nits

Resolution: 1366*768(RGB)/
1920*1080(RGD)/3840*2160(RGD)

Built in USB*3/RJ45*1/TF slot*1/
Wi-Fi/3G/4G/Bluetooth(option)

Multiplatform switching freely,
between monitor and Android

Super thin cesign

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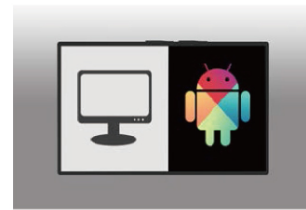# F191 series Floor standing(non touch)

Size:
43"/49"/55"/65"

Brightness:
350 Nits

Resolution:
1920*1080(RGB)/
3840*2160(RGB)

Built in USB*3/RJ45*1/
TF slot*1/Wi-Fi/3G/4G/
Bluetocth(option)

Multiplatform switching freely,
between monitor , Android and pc system

Super thin design

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F192 series Floor standing(IR touch)

Size:
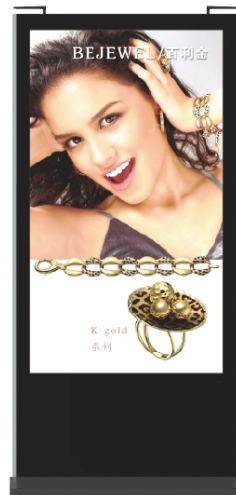43"/49"/55"/65"

Brightness:
350 Nits

LED RJ45
HDMI SD
FULL HD 1080 USB

Resolution:
1920*1080(RGB)/
3840*2160(RGB)

Built in USB*3/RJ45*1/
TF slot*1/Wi–Fi/3G/4G/
Bluetooth(option)

Multiplatform switching freely,
between monitor , Android anc pc system

Super thin design

F193 series Floor standing dual panel type (no touch)

Size:
43"/49"/55"/65"

Brightness:
350 Nits

LED RJ45
HDMI SD
FULL HD 1080 USB
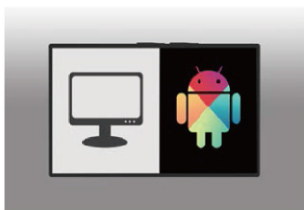

Resolution:
1920*1080(RGB)/
3840*2160(RGB)

Built in USB*3/RJ45*1/
TF slot*1/Wi–Fi/3G/4G/
Bluetooth(option)

Multiplatform switching freely,
between monitor , Android and pc system

Dual screens can display different programs
and content

D192 Series Outdoor Wall-mounting(non touch)

Size:
55"/65"

Brightness:
2000~4000 Nits

Resolution: 1920*1080
(RGB)/3840*2160(RGB)

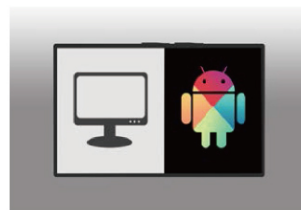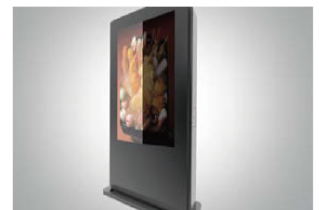Built in USB*3/RJ45*1/TF slot*1/Wi-Fi/
3G/4G/Bluetooth(option)

Water-proof and anti-
dust design
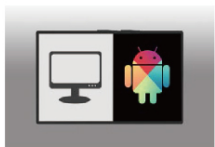
Multiplatform switching freely,
between monitor and Android

Highlight module,
customization acceptable

Air fan cooled & air conditioner
design(Option),Auto-dimming
and sunlight readable

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F194 series outdoor Floor standing (non touch)

Size:
43"/49"/55"/65"

Brightness:
2000~4000 Nits

Resolution:
1920*1080(RGB)/
3840*2160(RGB)

Water-proof and anti-dust

Air fan cooled &
air conditioner design(Option)

Monitor/Android

Metal housing

Auto-dimming and sunlight readable

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W183 Series Electronic Whiteboard(IR touch)

LED **RJ45**
HDMI **SD**
FULL HD 1080 **USB**

Size:
65"/75"/86"

Front plated ports and keys

Removable base(Option)

Smart touch,
customization acceptable

Multiplatform switching freely,
between monitor and Android

With FHD camera, High-quality
microphone, Suitable for various
meeting scenarios

Professional conference software,
multi-party remote viceo

W191 series Electronic Whiteboard(IR touch)

LED **RJ45**
HDMI **SD**
FULL HD 1080 **USB**

Size:
55"/65"/75"/86"/98"

Ultra-narrow Border
Frame design

Aluminium a loy frame
+Metal housing

Front plated ports and keys

With FHD cemera, High-quality microphone,
Suitable for various meet ng scanarios

Professiona conference software,
multi-party remote video

W193 Fully-fitted Nanometer-capacitive touch
Electronic Whiteboard(capacitive touch)

Size:
65"75"86"98"

Front plated ports and keys

Teaching interaction

LED **RJ45** **HDMI** **SD** **FULL HD 1080** **USB**

Fully lam inated panel technology,High definition, wide perspective

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MD172

Quad-core Android main-board

Rockchip
RK3288
Mali-T764
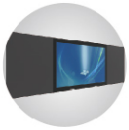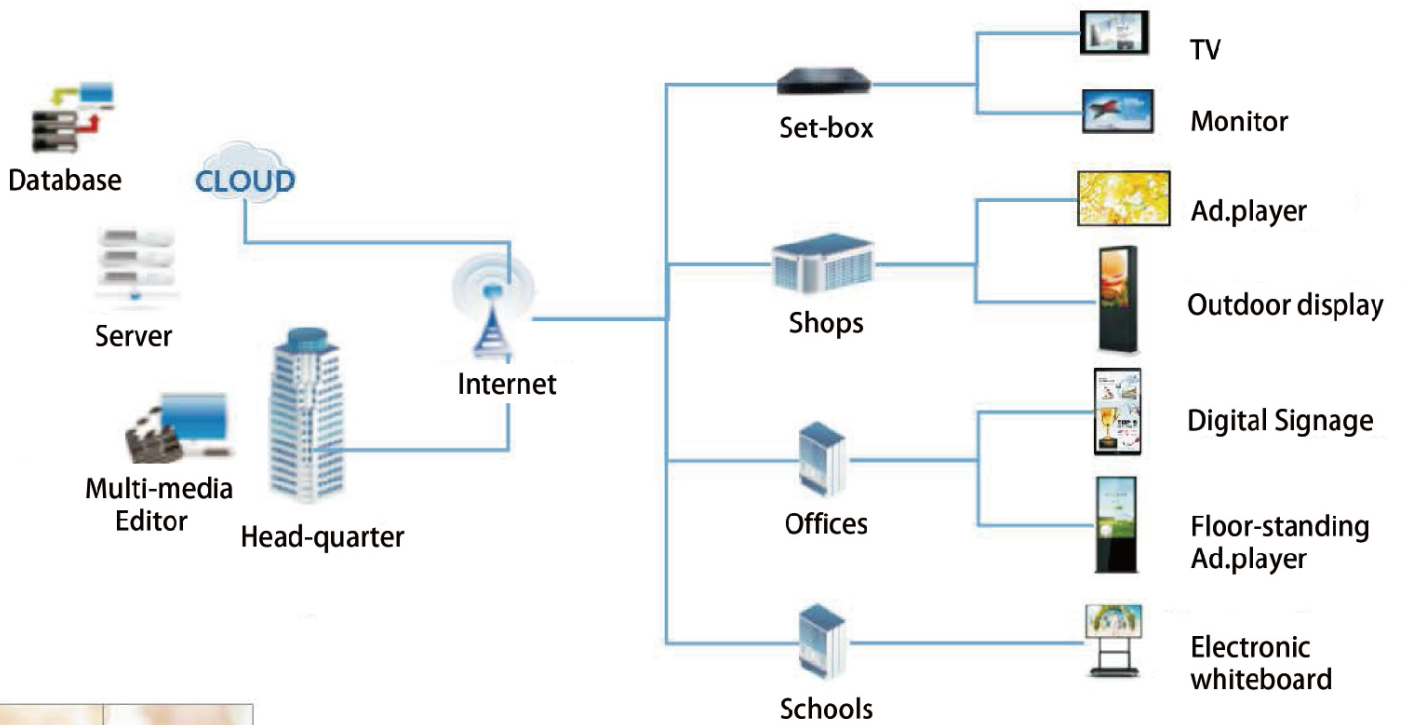Cortex-A17

Model: MD172

OS	Android5.1/6.0
CPU	Rockchip RK3288(28nm HGMK process) ARM Cortex-A17 Quad-Core 32 bits processor, main frequency:1.8GHz
GPU	Mail-T764 GPU MP4 Quad-Core GPU Support Open GL ES1.1/2.0/3.0,OpenVG1.1,OpenCL,DX11,Support AFBC(ARM Frame Buffer Compression)
RAM	DDR3 2G (MAX 4G)
ROM	eMMC 8GB (16G/32G/64G/128G for option) TF Card slot expander (Also SSD expansion)
Internet	Built in RJ45 port,support Ethernet Support 2.4G WiFi,Support Wi-Fi 802.11b/g/n Support Bluetooth,V2.1+EDR/bluetooth3.0/3.0+HS/4.0 Support 4G, LTE-TDD/LTE-FDD/TD-SCDMA/EDGE/GPRS/GSM(Option)
Image Rotation	Support 0,90,180,270 degree swivel manually, support G-sensor swivel automatically (Option)
Display port	1*LVD port（1 way/2 ways, 6 bit/8bit）, support7" -108" monitor output @1080P 60Hz Support 3.3V/5V/12V power 1*eDP port(eDP1.3,4lanes with 10.8Gbps) 1*HDMI 2.0 @1080P 60Hz Support dual screens in different pictures
GPS navigation	Inbuilt GPS module, Sensitivity:-159dBm, Receiving frequency:1575.42Mhz; Satellite channels: 20 Accuracy of positioning：＜10M
Touch screen	Support USB multipoint IR touch,multipoint capacitive touch, multipoint Nanofilm touch,acoustic wave touch, multipoint optical touch,etc 1*I^{2}C port (Support multipoint Resistive Touch,multipoint capacitive touch)
Audio	1*speaker out(2*10W 8R THD〈10%) 1*earphone out 1*microphone input
Camera	1*MIPI camera, available 5M/13M pixels(Option) Support 8M USB camera(Option)
HDMI Input	1*HDMI in @ 720P or 1080P(Option)
Backlight power	Support 3.3V/5V/12V(Option)
RTC	Built in clock battery,support Auto Shutdown Scheduler
USB	6*USB-2.0 HOST,1*USB2.0 OTG
PCIe	1*Mini PCIe (for 4G LTE)
SIM	1*SIM slot, for Mini PCIe extend to 4G LTE module
IR	1*IR receiving port, support IR remote control
LED	1*LED power indicator (Red),1*LED system indicator (Blue, twinkling default)
Keys	1*Reset, 1*Power,1*Upgrade
Serial port	2*RS232, 1*UART TTL
I/O ports	4*I/O ports,support input or output
Win Patrol	Support system watchdog
Power adaptor	Input: AC100-240V 50-60Hz, Output:DC12V 2A-5A (Require: surge voltage lower than 18 V, ripple voltage lower than 100mV)

CMAC Content Management System(CMS)

Database

CLOUD

Server

Multi-media Editor

Head-quarter

Internet

Set-box

Shops

Offices

Schools

TV

Monitor

Ad.player

Outdoor display

Digital Signage

Floor-standing Ad.player

Electronic whiteboard

CMAC Commercial Display Feature

Standalone series

Integrated single advertising system, embedded with HD decoder chip, support playing HD video, up to 1080P.

▸ Support to rotate video program.

▸ Support set the on/off automatically (up to 5 time intervals).

▸ Support to split screen into several smaller window, playing different advertisement.

▸ Support to continue displaying when suffered from power failure.

▸ Support to copy and delete media files on USB storage.

▸ Support to generate working records automatically.

▸ Support to set different sound volume during different time period.

▸ Support and play media on USB memory, plug-and-play, easy to change advertisements.

▸ Support various video and audio formats: MPEG, MPG-1, MPG-4, AVI, MP4, DIV, TS, TRP, MKV, WMV, RM, RMVB etc.

▸ Support various kinds of play mode: single cycle, list cycle and all repeating.

▸ Support picture move-transition, scaling-transition, slide-transition.

▸ Support stereo sound system as well as mono sound.

▸ Support scrolling marquee ,perpetual calendar displaying.

Network series

Adopting browser/server mode, support to build up secondary sever to reduce network delaying, thus enhancethe stability of the whole system.

▸ Support classified user management, scrolling marquee and programs can be updated through USB memory.

▸ Support update programs from distance and manage terminal setting, program editing.

▸ Support to split screen into several smaller window, playing different advertisement.

▸ Support inserting ad, timed displaying, cycle playing, playing time can be regulated to any second through remotecontrol, all programs can be played at specified time and order.

▸ Support to monitor terminal-machine's working condition, also can set the time of power on/off from long distance.

▸ Support updating programs in small screen, texts and pictures can be combined displaying.

▸ Support live broadcasting , obtaining information from internet, such as whether reports, news etc.

▸ Support plug-and-play, anti-virus, anti-crash on-board flash memory, fast booting.

▸ Support to resume updating programs from break-point and can start download programs according to schedule.