IKinor

10 YEARS + EXPERIENCES

东莞市艾领科技有限公司

DongGuan IKinor Technology Co.,Ltd.

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01.Introduction

- About Us
- Our History
- Cooperation Mode
- Business Partners

IKinor is a professional interactive display solution provider, applying both Infrared and P-cap touch technology on touch screen displays.

As a reliable **OEM** and **ODM** supplier, IKinor provides a wide range of interactive display products from 65inch ~ 110inch, including interactive flat panel, smart blackboards, and interactive whiteboards which are widely used for smart education& meeting room.

Factory Area
30000㎡

Monthly Capacity
15000+

R&D Members
20+

Auto-matic Assembly Line

Technical Patents
30+

Product Certification

24 hours feedback
48 hours solution

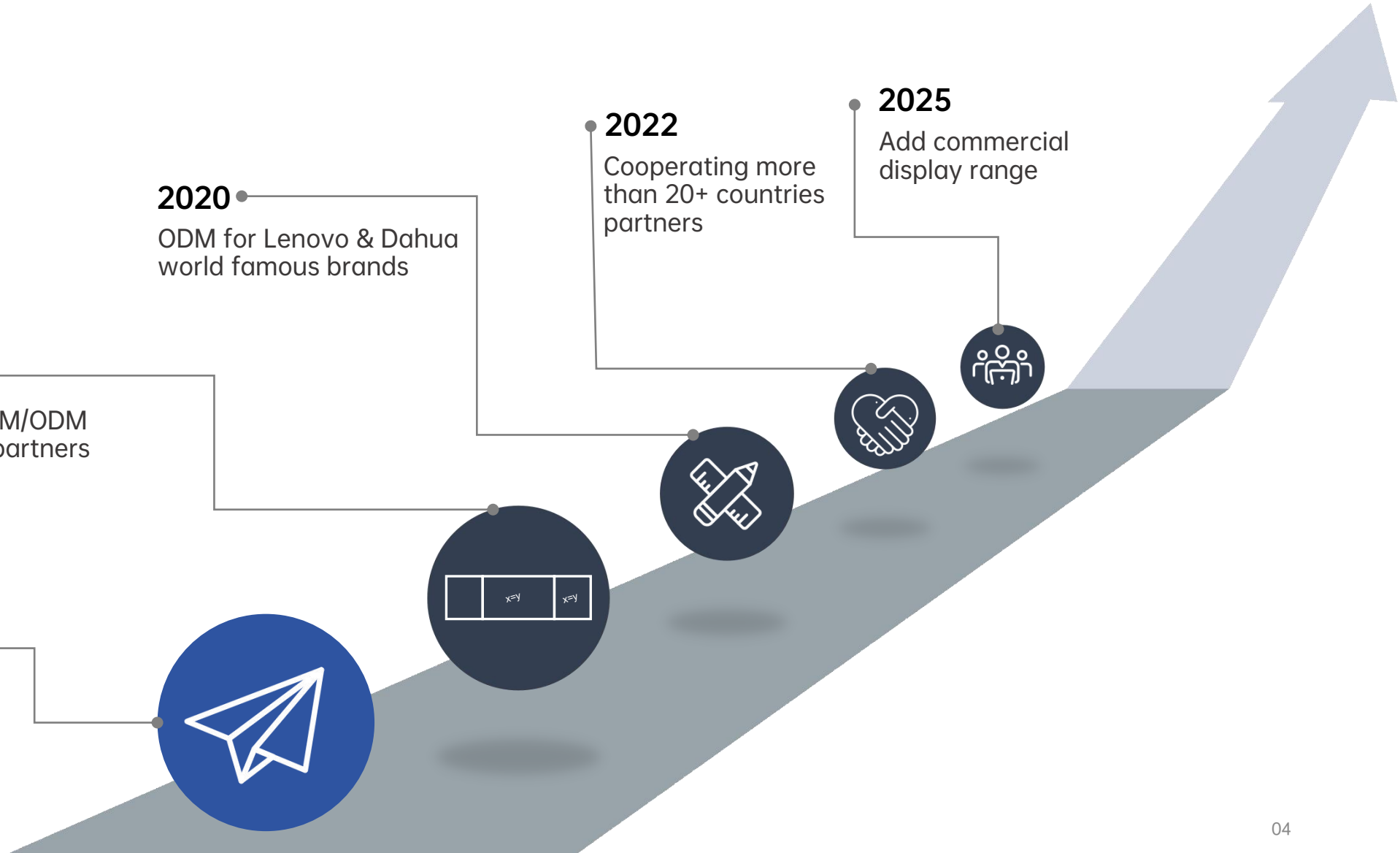
2015
IKinor established & focus on education/conference IFPD

2018
Focus on OEM/ODM IFPD to our partners

2020
ODM for Lenovo & Dahua world famous brands

2022
Cooperating more than 20+ countries partners

2025
Add commercial display range



OEM

IKinor designs and produces standard IFPD, our partner can chose design they prefer, and make customization (logos, software, hardware, etc.).

Advantages:

IKinor provides one-stop service from design to production. Brands can choose existing designs to reduce R&D time and costs.

ODM

IKinor manufactures IFPD according to our partner's designs and spec, support them to build their own brand.

Advantages:

With IKinor manufacturing capabilities, our partner focus on brand building, marketing and customer service.

JDM

Ikinor design and manufacture IFPD with our partners together. This mode may involve sharing resources, technology, and intellectual property to create new products or improve existing products.

Partners can share R&D costs and risks while sharing benefits.

IKinor joins hands with world-wide companies to improve supply chain.

02.Product

- Interactive Displays
- Smart Blackboard
- Digital Signage
- All in one PC & Podium
- Product Accessories

IR touch

- QLED model with NTSC≥95%
- Local Diming with contrast more than 10000:1
- Full-featured Type-C
- Mainboard:V100/MTK9679/311D2/RK3576/RK3588
- 13MP/48MP AI camera& 8 Mic
- NFC account management
- 2. 1 Channel:60W Speaker with subwoof
- DMS control system

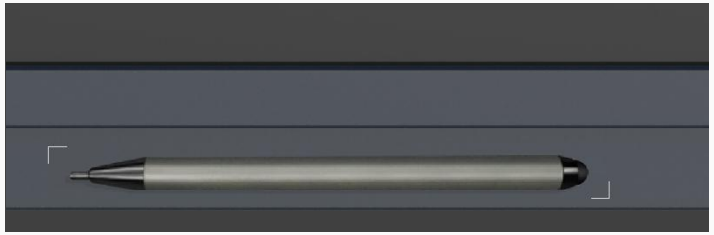
P-Cap touch

- Resolution:3840 *2160 /UHD @60HZ
- Available mainboard solution: 311D2
- Touch technology: P-cap touch
- Touch points: 20 points
- OPS slot: OPS, OPS-C
- Camera optional : 13MP,48MP（With 10M pick-up distance Microphone)
- Speaker optional:30W & 60W

Camera & Microphone

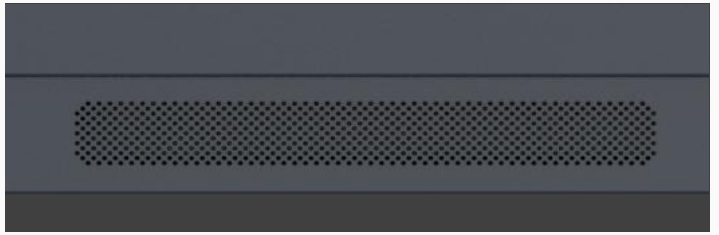
Front Interface

Front Buttons



Dual Tips Magnetic Pen

Magnetic Pen Slot



Vibrant Speaker

MAINBOARD ROAD MAP

MTK | Rockchip | AML | Goke

Entry

V100
- Android 14
- A55*8
- Mali G52MP4
- 4k60 VBO+4KE0 HDM OUT

T982
- Android 13&EDLA
- A55*4
- Mali G52 MP2

MT9679 (Pentonic 700)
- Android 14+EDLA
- A73*4
- Mali G52 MC1
- 8G RÃM max
- 4K 144 Hz VBO

Medium

G520
- Android 15
- TSMC 6nm
- A78x2+A55x6
- AI 7TOPS
- 4K60 up to 5K_DP Out

A311D2
- Android 14-16&EDLA
- A73*4+A53*4
- Mali G52 MP8
- 4K60 VBO+4K60 HDMI OUT

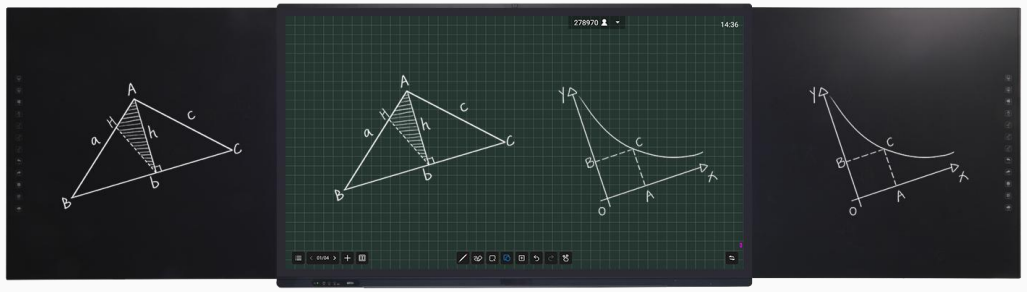
RK3576
- Android 14+EDLA
- A72*4+A53*4
- Mali G52 MC3
- 4TOPS
- 16G RAM max
- 4K60 eDP+4K60 HDM Out

High-End

A311D3
- Android 15
- Hunter*4+Hayes*4
- Mali G510 MP5
- 16G RAM max
- 4K60 VBO-4K60 HDMI OUT

MT8195
- Android 15 EDLA
- A78*4+A55*4
- Mali-G57 MC5
- 4.8T OPS
- 16G RAM max
- 4K60 oDP+4K60 HDMI OUT

RK3588
- Android 14+EDLA
- A76*4+A55*4
- Mali G610 MC4
- 6T OPS
- 32G RAM max
- 4K60 eDP+8K60 HDMI out

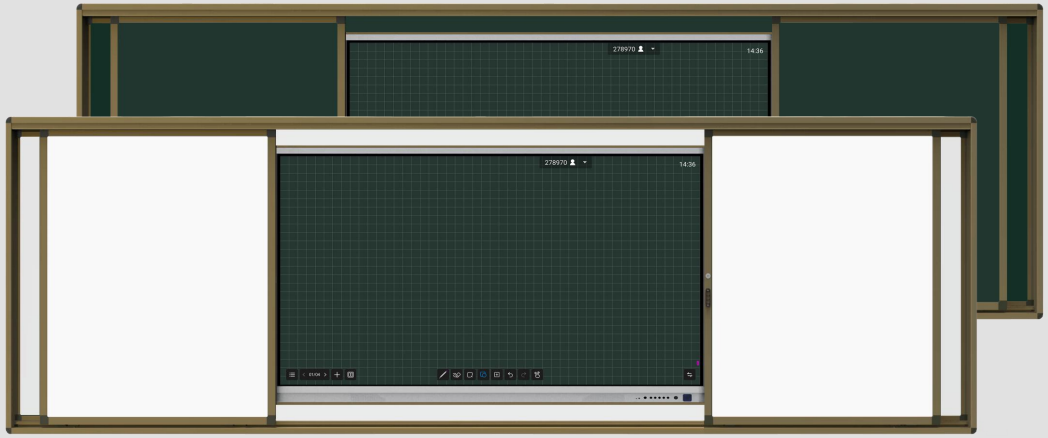


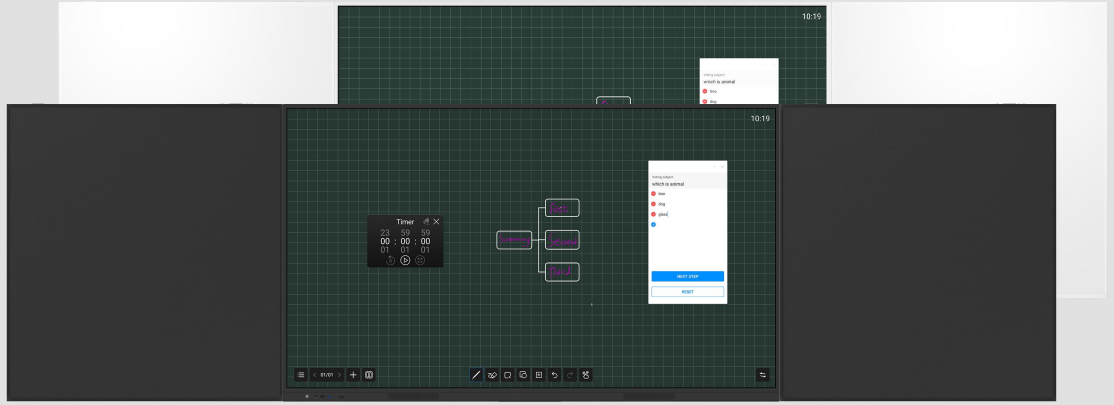
Smart Blackboard

- Tradition & Interactive teaching
- Blackboard/Whiteboard surface
- Touch technology: P-Cap touch
- Camera optional : 13MP/48MP with 10M pick-up distance Microphone
- OS: Windows OPS & Latest Android13/14
- Speaker: 30W/60W(subwoof)
- Easy accesses front ports
- Easy installation

Recordable Blackboard

- Modern design with handwriting copy
- Chalk/mark pen writing
- Touch technology: P-cap touch & IR touch
- Camera optional : 13MP/48MP with 10M pick-up distance Microphone
- OS: Windows OPS & built-in latest Android 13/14
- Functional education/conference app
- Remote control system



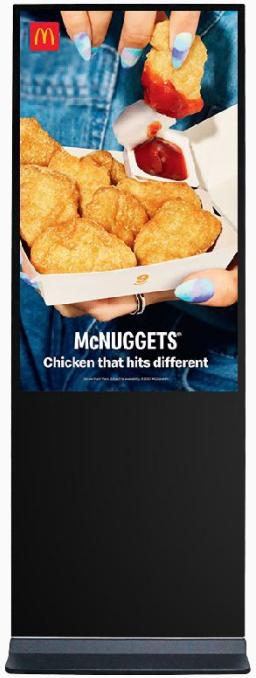


Sliding Board Solution

- Hidden frame, simple and elegant
- Green/White board for chalk/mark pen
- Tradition & Modern education
- Silent damping pulley, better sliding experience
- Easy installation
- IFPD protector
- Economic

Fixed Board Solution

- A-B-A design, upgrade to exsiting IFPD solution
- The height of the vice board is same as IFPD
- Ceramic surface blackboard support chalk pen writing
- Easy installation
- Distance to wall adjustable
- ABS covers to protection



Floor Stand Kiosk

- Super clear and vivid visual
- 43-65" various size
- System: Android & Windows
- 24x7 continuous working
- Online publish software

Wall Mounted Digital Signage

- 2K/4K Resolution
- With/without high-transparency tempered glass
- System: Android & Windows
- Landscape & Vertical installation
- Built-in camera,Card reader,QR code scanner,POS machine, etc

Customize Kiosk

- ODM customize available
- IR/PCAP/Non Touch design
- Landscape/vertical installation
- Software compatible with Win/Android OS
- Various connection
- Software developing

All in one PC

- All in one design
- 21.5/24/27inch
- Customizable CPU&Memory
- Multiple base design
- Pop-up webcam
- Height adjust

Smart Podium

- Teaching face to face
- Rich connection: HDMI/USB/RJ45/LAN/RS232 etc.
- 24" PCAP tablet
- 65W PD
- Motorize lifting
- Humanization design with hook& cup holder

OPS Series

OPS- C Slim Series

OPS- C Series

OPS- Android 3588

OPS- Android 8195

Wireless Dongle

Smart Pen

High-speed Document Camera

Video Bar

Mobile Stand

Electric Lifting Mobile Stand

Mobile Stand

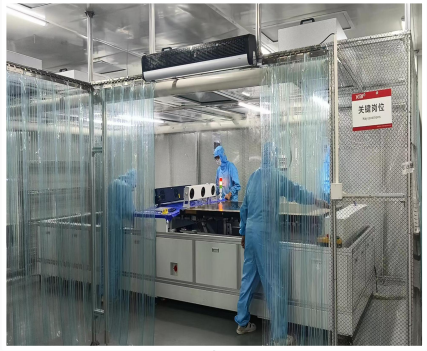
Mobile Stand

IKinor has been committed to helping customers solve problems such as low clarity, insufficient screen size, and lack of interaction with traditional display solutions.

03.Manufacturing

- Optical Bonding Line
- Assembling Line
- QC Procedure
- Reliability Test

Baking Tunnel



TP Bonding

OC Bonding

Dispensing

Defoaming

1st largest 110inch optical bonding PCAP IFPD

2nd large size automatic optical bonding line in the industry

01 | Assemble light bar

02 | Assemble optical film

03 | Fix LED panel

04 | Check Backlight

05 | 3F Assemble Line

06 | 4F Assemble Line

Monthly production capacity over 10,000pcs

01 | High temperature aging

02 | Calibration testing

03 | Audio & LCD Testing

04 | Network testing

05 | Keys and ports testing

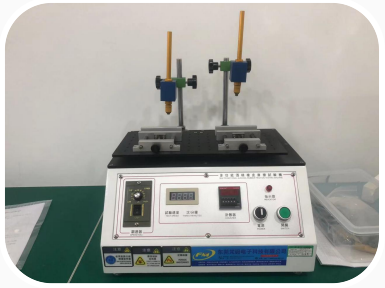
06 | Finished product QA

07 | Wait for cleaning

08 | Packing

Simulated transport vibration test

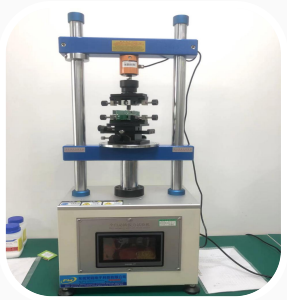
Drop test



Adhesion test

Wire bending test

High & low temperature test



Insertion force testing

Temperature rise test

ESD electrostatic test

Lightning surge generator

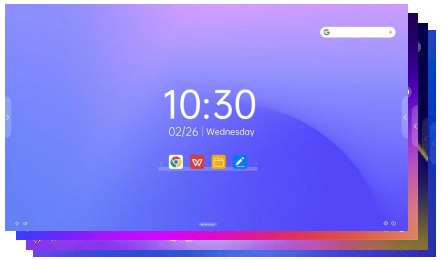
Salt spray test

04.Advantages & Honor

- OEM & ODM Service
- SKD & CKD Service
- Marketing Experience
- Business Partner
- Corporate Honor
- Service Procedure

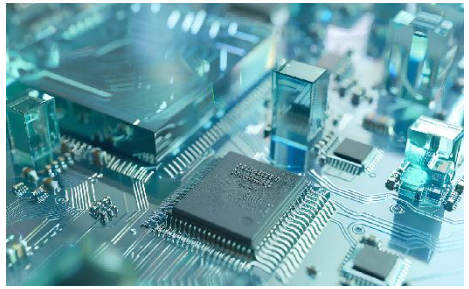
Customize Structure

- Frame and color
- Tempered glass
- Front interface
- NFC lock, fingerprint



Customize Software

- UI design
- Icon
- Layout
- Function developing

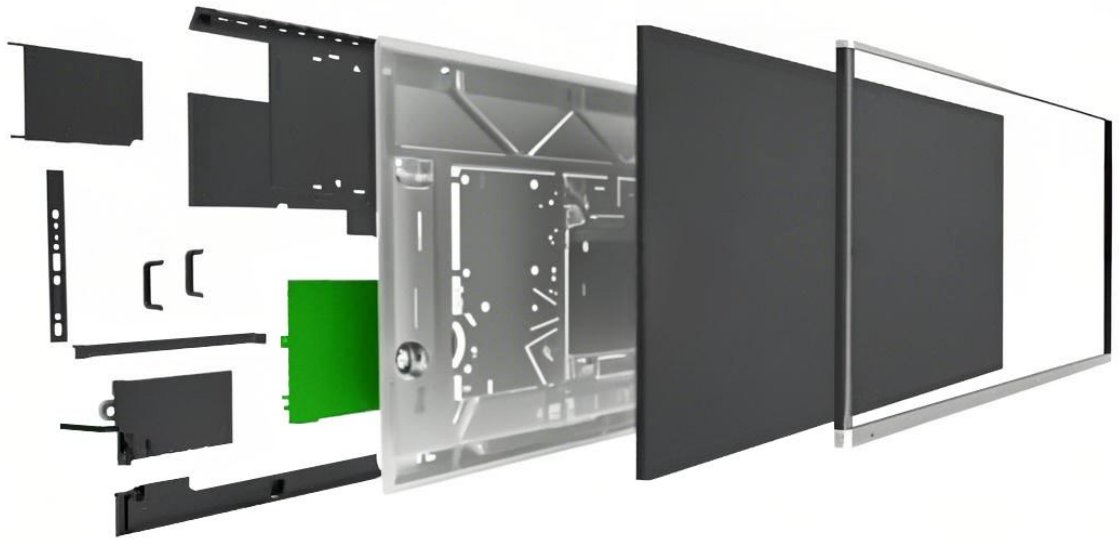


Customized EA

- Motherboard
- Brightness
- QLED solution
- Local dimming

Customized Audio&Video

- 13MP/48MP/48MP AI/50MP AI camera
- 8/12 array microphones
- Vibrant speakers: 15W/20W x2, subwoof(20W)



Material Name	Quantity
T-CON-Board	1
TCON-board Universal support	2
FFC cable	2
Front touch Frame(top)	1
Front touch Frame(Left)	1
Front touch Frame(Right)	1
Front touch Frame(bottom)	1
Upperjoint Angle	2
Bottomleft comer	1
Bottomrght comer	1
Upper guard Angle	2
Lower right comer guard	1
Lower left comer guard	1
Infrared frame	1

Material Name	Quantity
Module	1
Backd-light	1
OC glasses	1
Back-board A	1
Wall rivet	4
Light bar	12
Light strip	1
Reflector plate	1
Support columnA	13
Diffuser plate	1
DOP	1
Middle frame(top)	1
Middle frame(bottom)	1
Middle frame(Left)	1
Middle frame(Right)	1

2024 infocomm
Interactive Displays OEM / ODM Manufacturer
LCD Writing Board

2023 infocomm
All in one PC
IKinor

2025 ISE
Interactive Display OEM / ODM Manufacturer
ISO RoHS CE FC CB
IKinor

2024 ISE
LCD writing board
IKinor

2023 ISE
NTSC ≥85%

2023 ISE
Welcome to
ISE 2023
Barcelona

2024 infocomm
IKinor

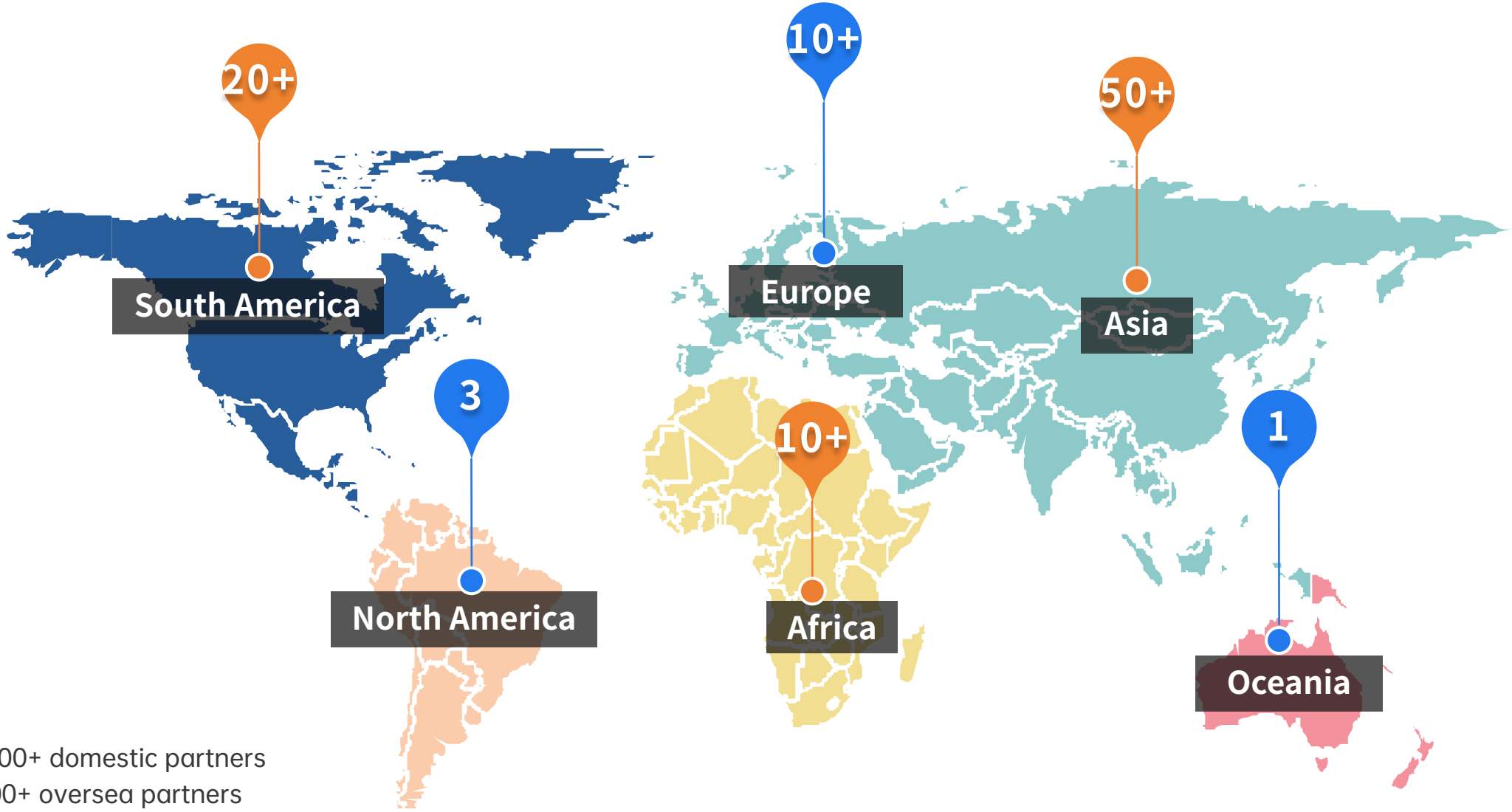
2023 Gess
Interactive Displays OEM/ODM Manufacturer
IKinor

2024 ISE
IKinor
Interactive Display OEM/ODM Manufacturer
Smart Blackboard
IKinor

2023 infocomm
LCD writing board

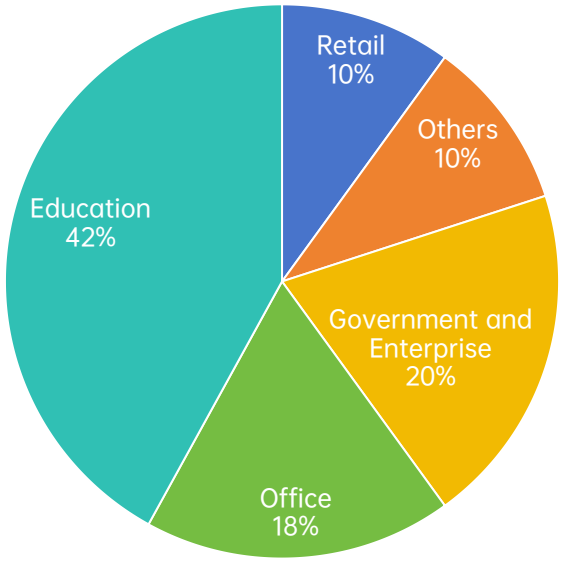
2023 ISE
Interactive Flat Panel
Optical Bonding, NTSC ≥85%

2024 Canton Fair

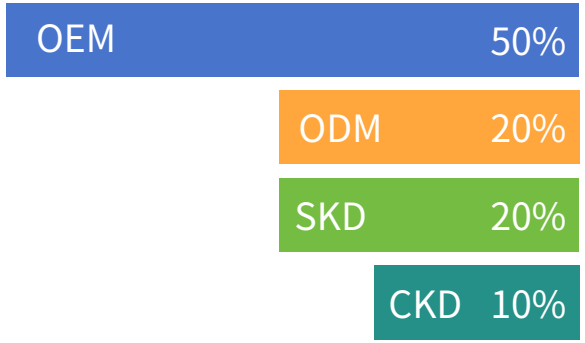


·1000+ domestic partners
·200+ oversea partners

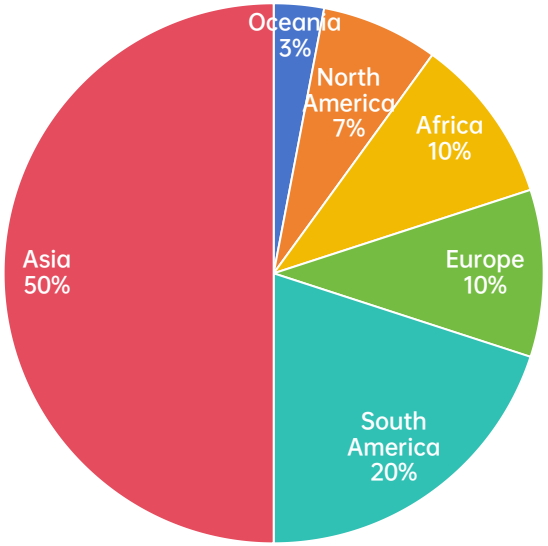
Application Market Share



Coopration Mode



Market Share



ISO14001, ISO18001 certified High-tech factory ;

More than 40 software copyrights;

More than 30 patents;

More than 100 performance tests

All products are certified by CE FCC RoHs CB certifications

- Experienced sales 1-to-1 support our partner;
- Needs mining, rapid requirments checklist.
- Technical Co-design with our R&D team
- Sample for testing
- Fast professional response

- Transparent production: our assitant will update each production scheule on time
- Flexible logistics: LCL/FCL shipping all available from different ports
- Risk shield: formal financial system and supply chain control

- More than 10years IFPD experiences scope, professional after-sale service team
- 16x7 online
- OTA for firmware
- Worry free maintenance

IKinor

10 YEARS + EXPERIENCE

END

DongGuan IKinor Technology Co.,Ltd.