



Smart Terminal Solution

Co-Create the Future of Payment and Retail



Milestone

2025

Completion of Telpo new headquarter building.



2021

The first generation of intelligent robots was released.



2019

Launched the first AI-powered smart cash register;
Set up self-service kiosk product line.



2015

Listed on the NEEQ;
Held the first Intelligent Hardware Summit Forum.



2006

Establishment of International BG marks the entry into international market.



2022

Launched customized operating system Telpo OS.



2020

Telpo Laboratory is approved of CNAS certification, meeting national-level standards.



2018

Collaborated with Alibaba to launch the facial payment project.



2013

Launched first UnionPay-certified POS terminal-TPS300.



1999

Founded in Foshan;
Launched first Queue Management Kiosk.





Mission

Create a Colorful
Future

Vision

Become a Leading
AIoT Company

Value

Achieve Self-Value
Through Selflessness



About Telpo

Telpo is a leading global smart terminals and solutions provider with a rich product portfolio. Telpo's payment and retail technologies are at the forefront of industry standards with numerous professional certifications and patents. With rich ODM experience, Telpo has provided customized products and solutions to meet the diverse needs of clients worldwide.

100+

Export Countries

20K+

Clients Worldwide

420+

Customization Projects

26

Years Experience

180+

R&D Engineers

600+

Global Employees

Product List

Payment



P9
Payment POS



P8
Payment POS



TPS900
Payment POS



M1
Mobile POS Terminal



M8
Smart POS Terminal



M10
Smart POS Terminal



TPS320
Mobile POS Terminal

Retail



C9
Android Desktop POS



C8
Android Desktop POS



C2
Android Desktop POS



C50
AI Checkout Kiosk



TPS680
Android Desktop POS



C11
Android Desktop POS



C31
Canteen Checkout Machine



K1
Self-Service Kiosk



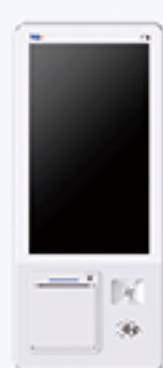
K20
Self-Ordering Kiosk



K8
Self-Service Kiosk



K8M
Self-Service Kiosk



K10
Desktop Mini Kiosk



K10MINI
Desktop Mini Kiosk



V15
6 TOPS Edge AI Box



V19
Edge AI Box

P9

Payment POS

High-Performance Processing

- Telpo OS and octa-core processor ensure robust support for high-intensity development.

Versatile Payment Options

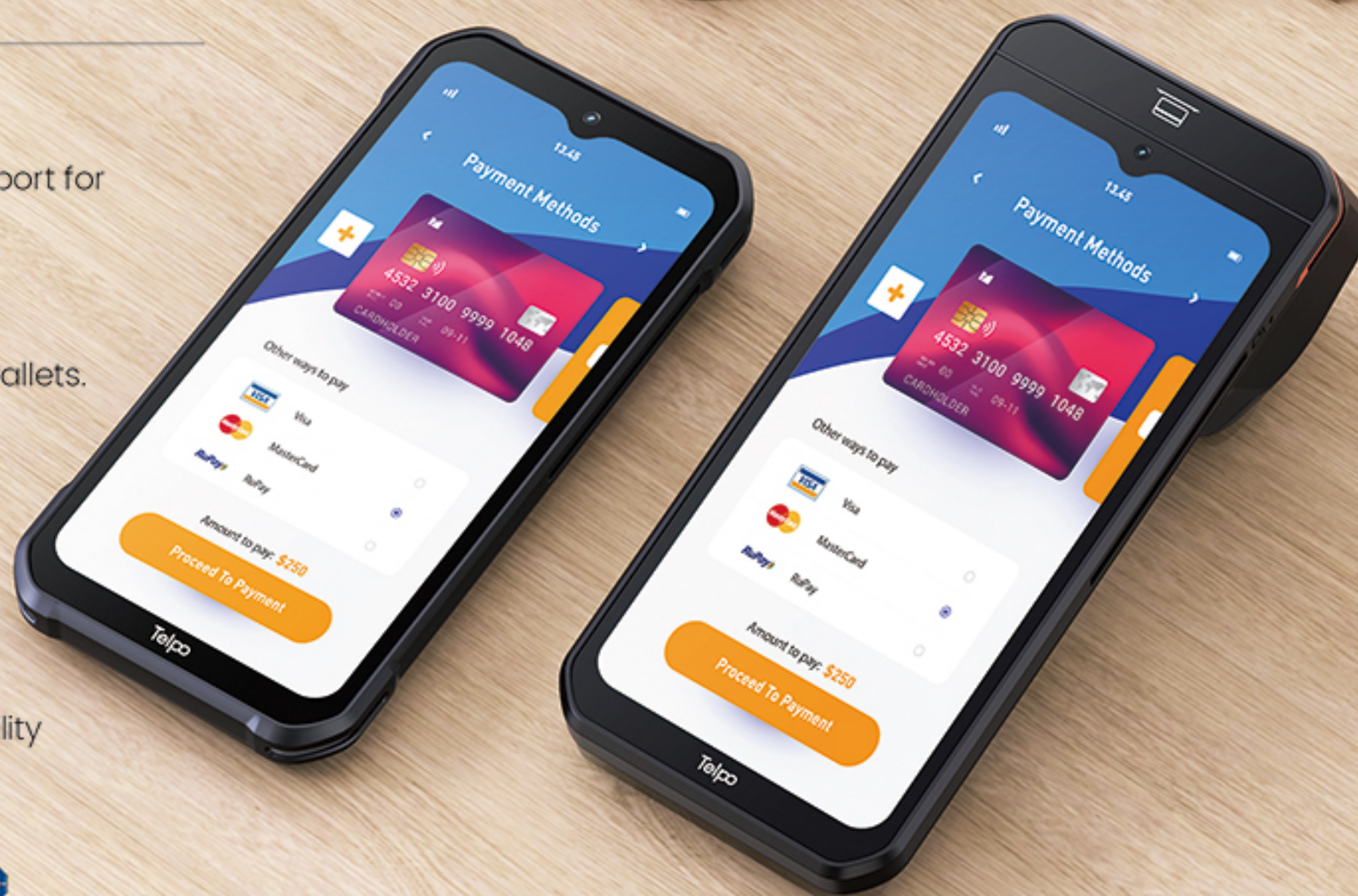
- Supports card swipe, chip, NFC, QR code, and digital wallets.

High-Speed Thermal Printing

- 80mm/s printer with 40mm diameter and 58mm width paper roll support for efficient output.

Long-Lasting Power

- 5000mAh removable battery with quick-swap capability ensures all-day operation.



Magnetic Card, Smart Card



NFC/Digital Wallet



QR Code



Specifications

※Optional

Note: Product parameters will be updated from time to time

OS

Telpo OS

Display

6.5", 720*1600

Card Slots

SIM Card: 2 SIMs; ※ 1 SIM+1 eSIM
SAM Card: 1 SAM; ※ 2 SAMs

Processor

Octa-Core

Printer

Paper width: 58mm, Φ40mm

Communications

LTE/WCDMA/GPRS/Wi-Fi/Bluetooth/GPS

Memory

2GB RAM, 16GB ROM
※ 3GB RAM, 32GB ROM
※ 4GB RAM, 64GB ROM
※ TF card slot

Card Reader

Magnetic Card
Smart Card
Contactless Card

Battery

7.6V/3500mAh, Li-ion
※ 7.6V/5000mAh, Li-ion

P8

Payment POS

Compact & Smart Design

- 5" screen and quad-core processor enable intuitive and smooth operations.

Multiple Payments

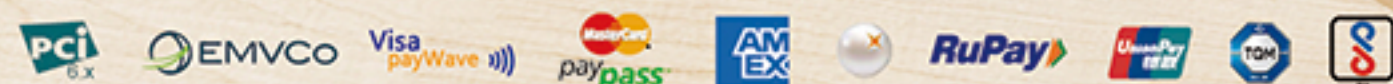
- Supports MSR, smart cards, NFC, mobile wallets, and QR codes.

Efficient Receipt Printing

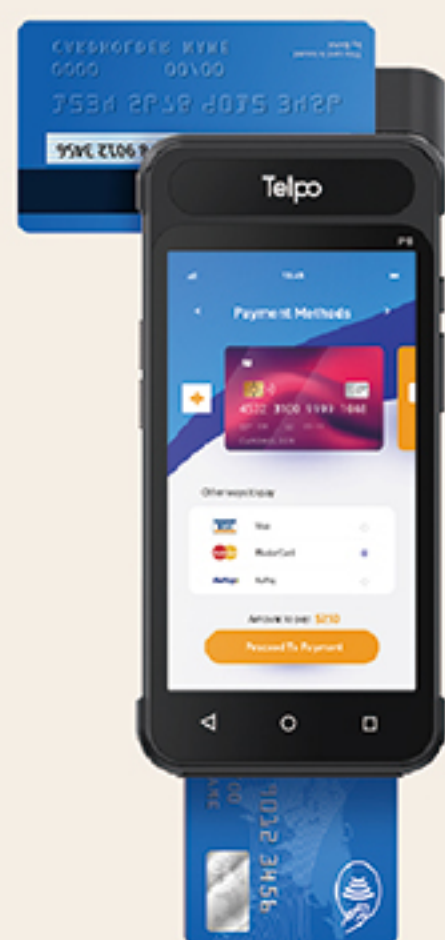
- Built-in 58mm printer and long-lasting battery meet daily printing demands.

Seamless Connectivity

- Supports LTE, Wi-Fi, and Bluetooth.



Magnetic Card, Smart Card



NFC/Digital Wallet



QR Code



Specifications

※Optional

Note: Product parameters will be updated from time to time

OS

Telco OS

Display

P8: 5", 720*1280

P8 with Printer: 5", 480*854

※ 5", 720*1280

Card Slots

P8: 1 SAM+1 SIM or 1 SAM+2 SIMs

P8 with Printer: 1 SAM+2 SIMs

Processor

Quad-Core

Printer

P8 with Printer: Paper width: 58mm, Φ40mm

Communications

LTE/WCDMA/GPRS/Wi-Fi/Bluetooth/GPS

Memory

1GB RAM, 8GB ROM

※ 2GB RAM, 16GB ROM

※ TF card slot

Card Reader

Magnetic Card

Smart Card

Contactless Card

Battery

P8: 3.8V/3350mAh, Li-ion

P8 with Printer: 7.2V/2600mAh, Li-ion

TPS900

Payment POS

Powerful Performance

- Telpo OS and Octa-core processor delivers smooth development and operation.

Secure & Efficient Payments

- Certified security ensures safe, diverse digital payment methods.

Robust & Enduring Design

- 1.2m drop-proof design and a long-lasting battery meet daily business needs.

Advanced Biometric Technology

- Enhances security with features such as an optional biometric fingerprint scanner.



Magnetic Card, Smart Card, NFC/Digital Wallet



QR Code



Fingerprint Scanner (Optional)



Specifications

OS

Telpo OS

Display

5.5", 720*1280

Card Reader

Magnetic Card
Smart Card
Contactless Card

Processor

Octa-Core

Printer

Paper width: 58mm, Φ40mm

Card Slots

SIM Card: 2 SIMs
SAM Card: ISO7816, 1 SAM; ※ 4 PSAMS

※Optional

Note: Product parameters will be updated from time to time

Memory

2GB RAM, 16GB ROM
※ 3GB RAM, 32GB ROM
※ 4GB RAM, 64GB ROM
※ Ext. TF card slot

Communications

LTE/WCDMA/GPRS/Wi-Fi/Bluetooth/GPS

Battery

7.6V/3000mAh, Li-ion
※ 7.6V/4400mAh, Li-ion

M1

Mobile POS Terminal

Powerful Performance

- Telpo OS and quad-core processor deliver seamless performance.

High-Speed Printing

- The 58mm thermal printer prints at 80mm/s.

SoftPOS Ready

- GMS-certified NFC reader enables secure SoftPOS transactions.

Sunlight-Readable Display

- 400-nit display ensures clarity in sunlight.



NFC (Enable SoftPOS)



QR Code



Receipt Printer



Specifications

OS

Telpo OS
(Based on Android 12)

Display

6", 720*1440

Card Slots

SIM Card: 1 Nano SIMs; ※ 2 Nano SIMs
SAM Card: 1 SAMs

Processor

Quad-Core 2.0GHz

Printer

Paper width: 58mm, Ø40mm

Power Supply

5V/2A

※Optional

Note: Product parameters will be updated from time to time

Memory

3GB RAM, 32GB ROM, Ext. TF card slot

Communications

LTE/WCDMA/GPRS/Wi-Fi/Bluetooth/GPS

Battery

7.6V/3500mAh, Li-ion (Removable)

M8

Smart POS Terminal

Large-and-Clear Screen

- Features 8" main display and 3" customer display.

Digital Payments

- Supports NFC, QR codes, and SoftPOS compatibility.

High-Speed Printing

- Prints at 110mm/s with a 50% speed increase.

User-Friendly Design

- Press the function key to enable quick access to user-defined functions.



NFC (Enable SoftPOS)



QR Code



Tailored For Fiscal Control



Electronic Tamper-Proof



Specifications

※Optional

Note: Product parameters will be updated from time to time

OS

Telpo OS
(Based on Android 13)

Display

Main Display: 8", 800*1280
※ Customer Display: 3.2", 240*320

Peripheral Ports

1 Type-C, 4 USB, 1 RJ12 (Drawer Port),
1 RJ11 (RS232), 1 RJ45

Processor

Quad-Core 2.0GHz

※ NFC Reader

ISO14443 Type A/B, Mifare

Communications

LTE/WCDMA/GPRS/Wi-Fi/Bluetooth/GPS

Memory

2GB RAM, 16GB ROM, Ext. TF card slot
※ 4GB RAM, 64GB ROM

Printer

Paper width: 58mm, Ø50mm

Power Supply

12V/3A

M10

Smart POS Terminal

Dual Screen for Enhanced Engagement

- Features a 10" or 11" main display and a 4" customer display.

Multiple Payments

- Supports NFC, QR code payments, and SoftPOS compatibility.

Quick Printing

- Built-in an 80mm Seiko printer with an auto-cutter.

Easy Customization & Branding

- Dedicated screen printing area enables faster customization.



NFC
(Enable SoftPOS)



QR Code



High-Speed Printer



FISCAL MEMORY

Tailored For Fiscal Control



Specifications

OS

Telco OS
(Based on Android 13)

Display

Main Display: 10", 1280*800
※ Main Display: 11", 1920*1200
※ Customer Display: 4", 800*480

Peripheral Ports

1 Type-C, 4 USB, 1 RJ12 (Drawer Port),
1 RJ11 (RS232), 1 RJ45

Processor

Octa-Core 2.0GHz

※ NFC Reader

ISO14443 Type A/B, Mifare

Communications

LTE/WCDMA/GPRS/Wi-Fi/Bluetooth/GPS

Memory

4GB RAM, 64GB ROM

Printer

Paper width 80mm, Φ80mm
with auto cutter

Power Supply

24V/2.5A

※Optional

Note: Product parameters will be updated from time to time

TPS320

Mobile POS Terminal

Flexible Payments

- Supports NFC, smart cards, and QR code.

High-Speed Printing

- Features a 40mm thermal printer for receipts, web pages, labels, and ECS/POS documents.

Seamless Connectivity

- Supports up to 2 SIM cards for multi-operator scenarios.

Reliable Power Supply

- Powered by a 5000mAh battery with an optional charging base.



NFC, Smart Card



QR Code



Receipts Printer



Specifications

OS

Telpo OS
(Based on Android 10)

Display

5", 720*1280

Communications

LTE/WCDMA/GPRS/Wi-Fi/Bluetooth/GPS

Processor

Quad-Core 1.4GHz

※ Card Reader

Smart Card, NFC, QR code

Card Slots

2 SIMs
※ 2 SAMs

※Optional

Note: Product parameters will be updated from time to time

Memory

2GB RAM, 16GB ROM, Ext. TF card slot
※ 1GB RAM, 8GB ROM

Printer

Paper width: 58mm, Φ40mm

Battery

7.4V/2500mAh, Li-ion
※ 7.4V/5000mAh, Li-ion

C9

Android Desktop POS

Ultra-Thin Design

- Main display features an ultra-slim 5mm bezel and incredibly thin 16mm profile.

Flagship Performance

- Equipped with octa-core processor and Android 14 for efficient operations.

NFC Payment & SoftPOS

- Integrated NFC reader under the secondary display enables quick tap-to-pay transactions.

Secure Fingerprint Access

- Optional biometric authentication for device activation and staff login.



15.6" + 15.6"

Main Display: 15.6", 1920*1080
Customer Display: 15.6", 1920*1080



15.6" + 10.1"

Main Display: 15.6", 1920*1080
Customer Display: 10.1", 1280*800

NFC
(Enable SoftPOS)Modular Financial
Card Reader (Optional)

Specifications

※Optional

Note: Product parameters will be updated from time to time

OS

Telpo OS
(Based on Android 14)

Display

Main Display: 15.6", 1920*1080
※ Customer Display: 10.1", 1280*800
※ Customer Display: 15.6", 1920*1080

Communications

Wi-Fi/Bluetooth/Ethernet

Processor

Octa-Core 2.2GHz

※ Financial Card Reader

NFC: ISO14443 Type A/B, Mifare
EMV Contactless LI, Paywave, Paypass
IC Card: ISO7816, install on 10.1" screen side

Audio

1 Speaker
※ 2 Microphone

Memory

4GB RAM, 64GB ROM
※ 8GB RAM, 128GB ROM
※ 8GB RAM, 256GB ROM

Peripheral Ports

4 USB, 1 RJ11(RS232), 1 RJ12, 1 RJ45, 1 DC Port,
1 Type-C (Debug use), 1 Type-C (HUB),
※ 2 Micro USB (10.1 Screen Extended Port)

Power Supply

12V/3A

C8

Android Desktop POS

4 Customer Display Options

- Compatible with 15.6", 10.1", LED displays, or single-screen configuration for versatile deployment.

High Performance

- Powered by Qualcomm Octa-core processor and Telpo OS.

Compact Packaging

- Engineered for minimal footprint and reduced shipping costs.

Neat Cable Management

- Eliminates clutter for a clean, professional countertop.



15.6" + 15.6"

Main Display: 15.6", 1920*1080
Customer Display: 15.6", 1920*1080



15.6" + 10.1"

Main Display: 15.6", 1920*1080
Customer Display: 10.1", 1280*800



15.6" + LED

Main Display: 15.6", 1920*1080
Customer Display: LED



15.6"

Main Display: 15.6", 1920*1080



Specifications

OS

Telpo OS
(Based on Android 13)

Display

Main Display: 15.6", 1920*1080
※ Customer Display: 10.1", 1280*800
※ Customer Display: 15.6", 1920*1080
※ Customer Display: LED

Communications

Wi-Fi/Bluetooth/Ethernet
※ LTE/WCDMA/GPRS

Processor

Octa-Core 2.0GHz

※ Face Camera

Single-lens Camera
Dual-lens Camera
3D Depth Sensing Camera

Audio

Digital Audio Speaker

※Optional

Note: Product parameters will be updated from time to time

Memory

4GB RAM, 64GB ROM
※ 8GB RAM, 128GB ROM

Peripheral Ports

4 USB, 1 Micro USB, 1 RJ11, 1 RJ12, 1 RJ45,
1 Audio Jack

Power Supply

12V/3A

C2

Android Desktop POS

Crystal-Clear Display

- Features FHD and HD dual touchscreens for exceptional visual clarity and enhanced customer engagement.

Powerful Performance

- High-speed hexa-core processor running on Telpo OS.

High-Speed Receipt Printing

- 80mm Seiko thermal printer delivering receipts at speeds up to 250mm/s.

Clean Counter Design

- Hidden cables for a clean, professional countertop.



15.6" + 15.6"

Main Display: 15.6", 1920*1080
Customer Display: 15.6", 1920*1080



15.6" + 10.1"

Main Display: 15.6", 1920*1080
Customer Display: 10.1", 1280*800
※ Customer Display: 10.1", 1024*600



15.6"

Main Display: 15.6", 1920*1080



Aesthetic Hidden Line



Max 250mm/s
Seiko Printer



Specifications

※Optional

Note: Product parameters will be updated from time to time

OS

Telpo OS
(Based on Android 13)

Display

Main Display: 15.6", 1920*1080
※ Customer Display: 15.6", 1920*1080
※ Customer Display: 10.1", 1280*800
※ Customer Display: 10.1", 1024*600

Peripheral Ports

4 USB, 1 Micro USB, 1 DB9(RS232), 1 RJ12,
1 RJ45, 1 Audio Jack, 1 DC port

Processor

Quad-Core 2.0GHz

※ Face Camera

Single-Lens Camera
Dual-Lens Camera
3D Depth Sensing Camera

Communications

Wi-Fi/Bluetooth/Ethernet

Memory

2GB RAM, 16GB ROM
※ 4GB RAM, 64GB ROM, Ext. TF card slot
※ 8GB RAM, 128GB ROM

※ Printer

Paper width 80mm, Ø80mm,
with auto cutter

Power Supply

24V/2.5A

C50

AI Checkout Kiosk

Powerful Performance

- Equipped with octa-core processor delivering up to 12 TOPS of AI computing capability.

Speedy Recognition

- Achieves 99.8% accuracy in object identification within 0.1 seconds.

Versatile Payment Options

- Compatible with NFC, QR codes, digital wallets, facial recognition, and POS integration.

Flexible Hardware Configuration

- Customizable configuration with secondary screen, camera, printer, and scale components.



15.6" + 15.6"

Main Display: 15.6", 1920*1080
Customer Display: 15.6", 1920*1080



15.6" + 10.1"

Main Display: 15.6", 1920*1080
Customer Display: 10.1", 1280*800



Overhead Scanner

5MP, with fill light, for dish identification tray version



Object Camera

2MP, with fill light, for weighing scale version



Tray/Scale

Maximum weighing: 15kg
Division value: 2g high precision



Specifications

※Optional

Note: Product parameters will be updated from time to time

OS

Telpo OS
(Based on Android 12)

※ NFC Reader

ISO14443 Type A/B, Mifare

※ Face Camera

Single-Lens Camera
Dual-Lens Camera
3D Depth Sensing Camera

Processor

Octa-Core 2.7GHz

※ QR Code Scanner

Support

Communications

Wi-Fi/Bluetooth/Ethernet
※ LTE/WCDMA/GPRS

Memory

6GB RAM, 128GB UFS
※ 8GB RAM, 128GB UFS
※ 4GB RAM, 64GB UFS

※ Printer

Paper width 58mm, Ø50mm
※ Label printer

Peripheral Ports

4 USB, 1 Micro USB, 1 RJ45

TPS680

Android Desktop POS

Industrial-Grade PCAP Touchscreen

- 15.6" main display with optional 10.1" customer-facing screen.

Expandable Functionality

- Multiple ports for seamless peripheral integration.

Seamless Connectivity

- Supports 3G/4G, Wi-Fi, Bluetooth, Ethernet.

Flexible Installation

- Compatible with 100*100mm VESA mounting bracket.



Kitchen Display System

Countertop



Ceiling



Windowsill



Wall-mounted

Specifications

※Optional

Note: Product parameters will be updated from time to time

OS

Telpo OS
(Based on Android 13)

Display

Main Display: 15.6", 1920*1080
※ Customer Display: 10.1", 1280*800
※ Customer Display: 10.1", 1024*600

Communications

Wi-Fi/Bluetooth/Ethernet

Processor

Quad-Core 2.0GHz

※ Face Camera

Single-Lens Camera
Dual-Lens Camera
3D Depth Sensing Camera

VESA

Support, 100*100mm

Memory

2GB RAM, 16GB ROM
※ 4GB RAM, 64GB ROM, Ext. TF card slot
※ 8GB RAM, 128GB ROM

Peripheral Ports

4 USB, 1 Micro USB, 1 RJ11, 1 RJ45, 1 Audio Jack

Power Supply

12V/3A

C11

Android Desktop POS

Specifications

OS

Telco OS
(Based on Android 13)

Memory

2GB RAM, 16GB ROM,
Ext. TF card slot
※ 4GB RAM, 64GB ROM
※ 8GB RAM, 128GB ROM

※ NFC Reader

ISO14443 Type A/B, Mifare

Communications

Wi-Fi/Bluetooth/Ethernet

Processor

Quad-Core 1.8GHz

Display

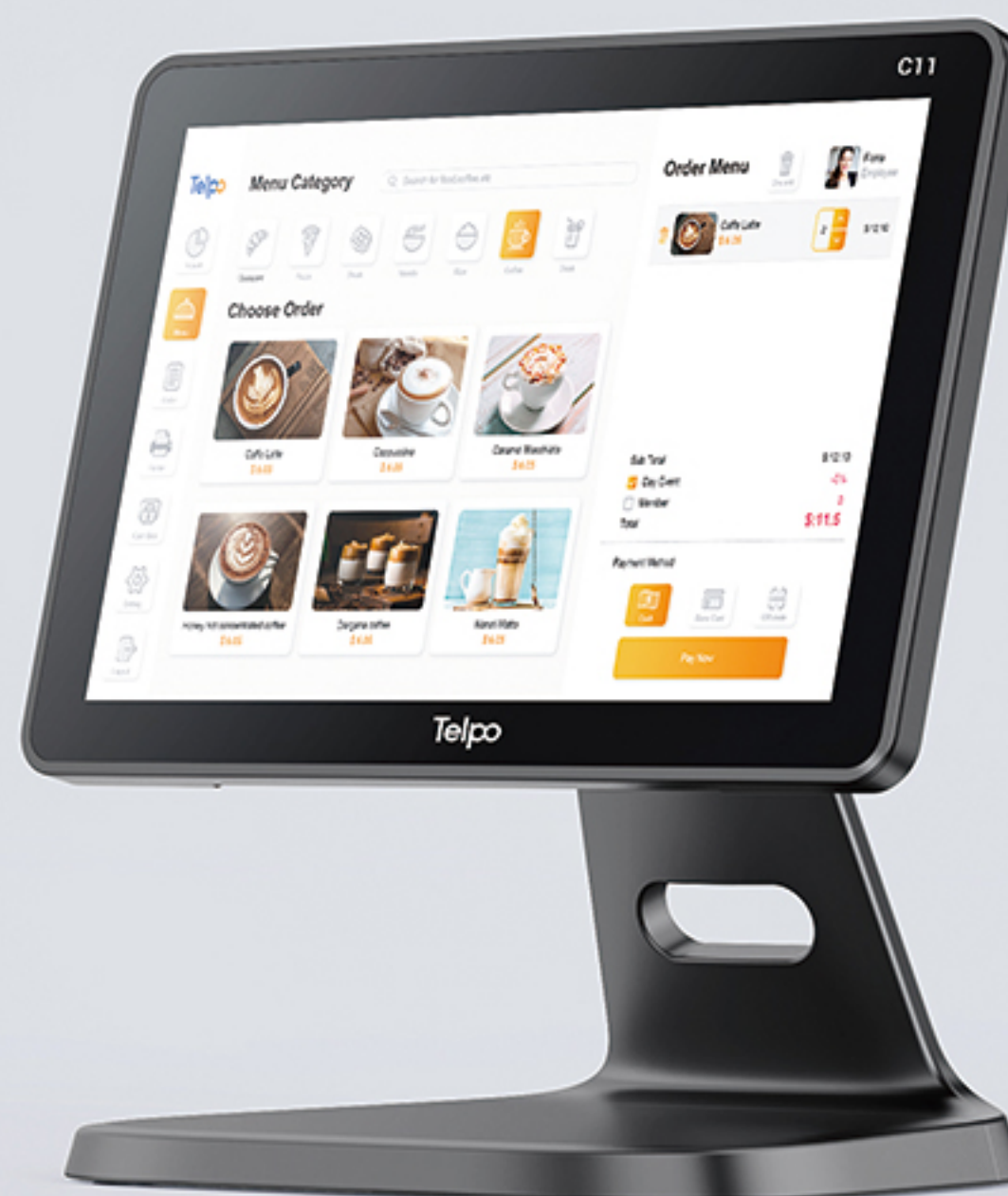
Main Display: 10.1", 1280*800 or above

Peripheral Ports

2 USB Type A, 1 USB Type-C, 1 RJ11,
1 RJ12, 1 RJ45, 1 Audio Jack

Power Supply

12V/2A



※Optional

Note: Product parameters will be updated from time to time

C31

Canteen Checkout Machine

Specifications

OS

Telco OS
(Based on Android 13)

Memory

4GB RAM, 64GB ROM
※ 2GB RAM, 16GB ROM
※ 8GB RAM, 128GB ROM

※ Face Camera

Dual-Lens Camera

※ QR Code Scanner

Support

Processor

Quad-Core 2.0GHz

Display

Main Display: 5", 720*1280
※ Customer Display: 8", 1280*800

※ NFC Reader

ISO14443 Type A/B, Mifare

Communications

Wi-Fi/Bluetooth/Ethernet
※ LTE/WCDMA/GPRS



※Optional

Note: Product parameters will be updated from time to time

K1

Self-Service Kiosk

Compact & Premium Design

- Space-saving footprint with durable metallic finish that complements modern business.

Superior Display Technology

- 21.5" FHD touchscreen featuring 178° viewing angle and crisp 1080p resolution.

Comprehensive Payment Technology

- Supports screen-based NFC, QR code, face payment and integrated EFTPOS.

Flexible Printing Solution

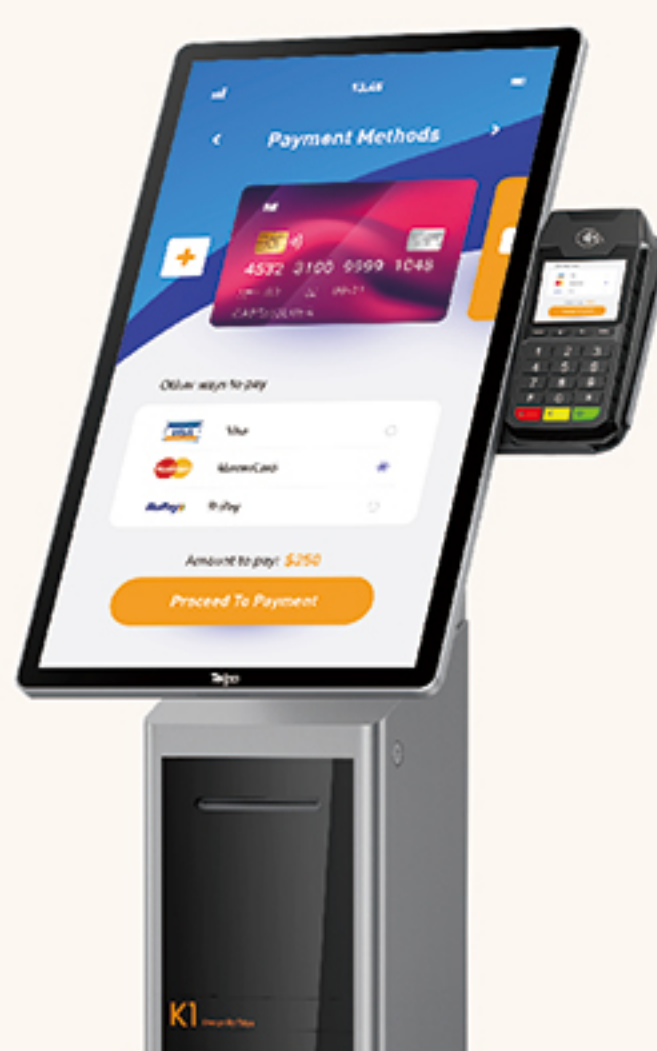
- Detachable printer compatible with Epson printer or Seiko print engine.



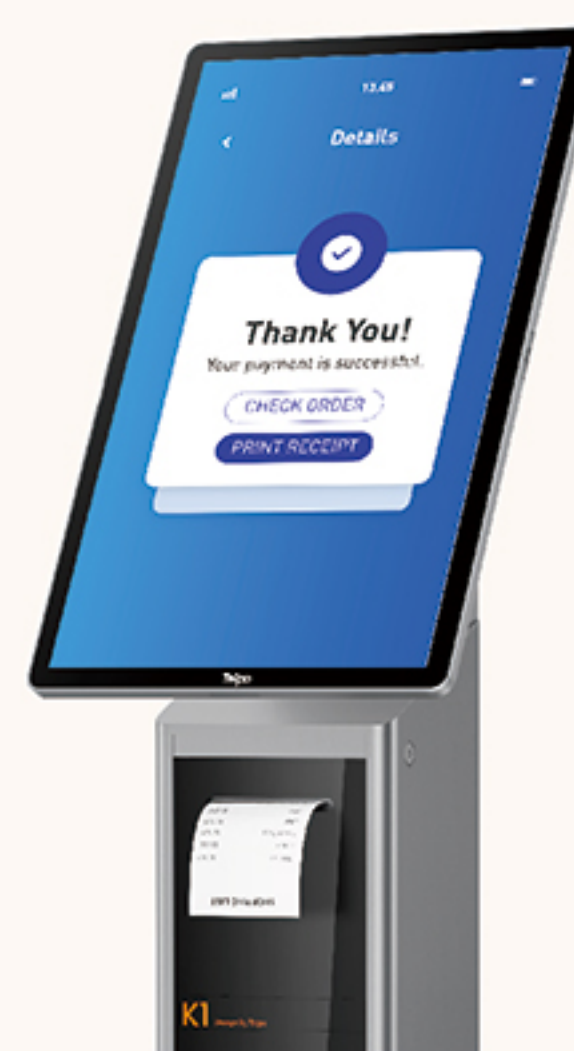
NFC (Enable SoftPOS)



Integrated EFTPOS



Ultra-Fast Printing



Specifications

OS

Telpo OS
(Based on Android 14)

Display

21.5", 1080*1920

Printer

Paper width: 80mm, Ø80mm,
with auto cutter
Print speed: 150mm/s

Processor

Octa-Core 2.2GHz

※ Payment

Support
(Under screen NFC)

Peripheral Ports

4 USB, 1 RJ45, 1 Type-C (debug),
1 DC Charge, 3 pogopin

※Optional

Note: Product parameters will be updated from time to time

Memory

4GB RAM, 64GB ROM
※ 8GB RAM, 128GB ROM

※ 1D/2D Barcode Scanner

Support

※ Stand

Countertop
Floor-Standing
Wall-mounted

K20

Self-Ordering Kiosk

Powerful Performance

- Octa-core 2.4GHz & Telpo OS for lightning-fast operations.

Multiple Payments

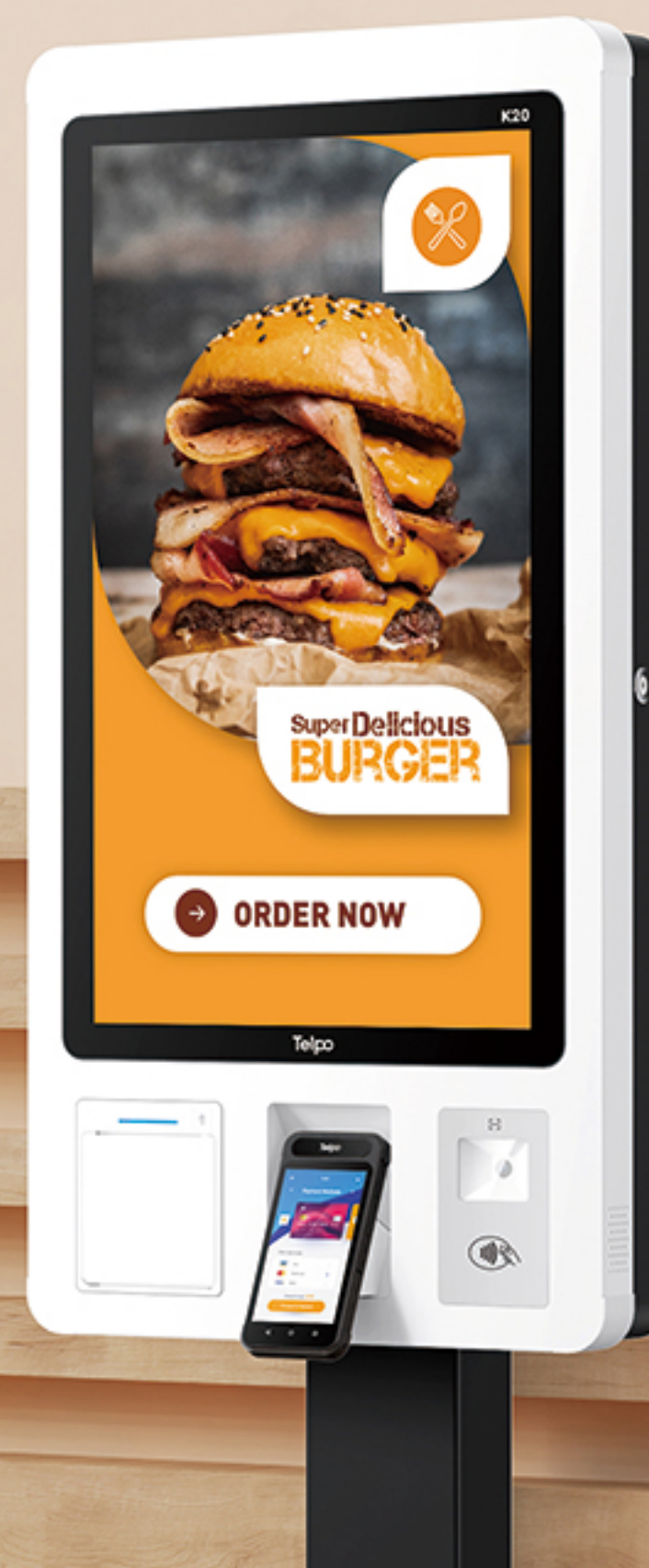
- Supports external EFTPOS, NFC, and QR code.

Flexible Installation

- Supports wall-mounted, and floor-standing brackets.

Versatile Application

- Suited for quick service restaurants, retail stores, unmanned stores, supermarkets, etc.



27" High-Definition Screen



Modular Design, Simple Dismounting



Specifications

OS

Telpo OS
(Based on Android 12)

Display

27", 1080*1920

Peripheral Ports

1 RJ45, 2 USB-A 3.0, 4 USB-A 2.0

Processor

Octa-Core 2.4GHz

※ Payment

Supports various EMV modules

Communications

Wi-Fi/Bluetooth/Ethernet

Memory

8GB RAM, 64GB ROM

Printer

Paper width: 80mm, Ø80mm,
with auto cutter
Printing speed: 150~220mm/s

※ Stand

Wall-mounted
Floor-standing

※Optional

Note: Product parameters will be updated from time to time

K8

Self-Service Kiosk

Specifications

OS

Telco OS
(Based on Android 14)

Memory

4GB RAM, 64GB ROM

※ Face Camera

Single-Lens Camera
Dual-Lens Camera
3D Depth Sensing Camera

Communications

Wi-Fi/Bluetooth/Ethernet
※ LTE/WCDMA/GRPS

Processor

Hexa-Core 2.2GHz

Display

21.5", 1080*1920

Printer

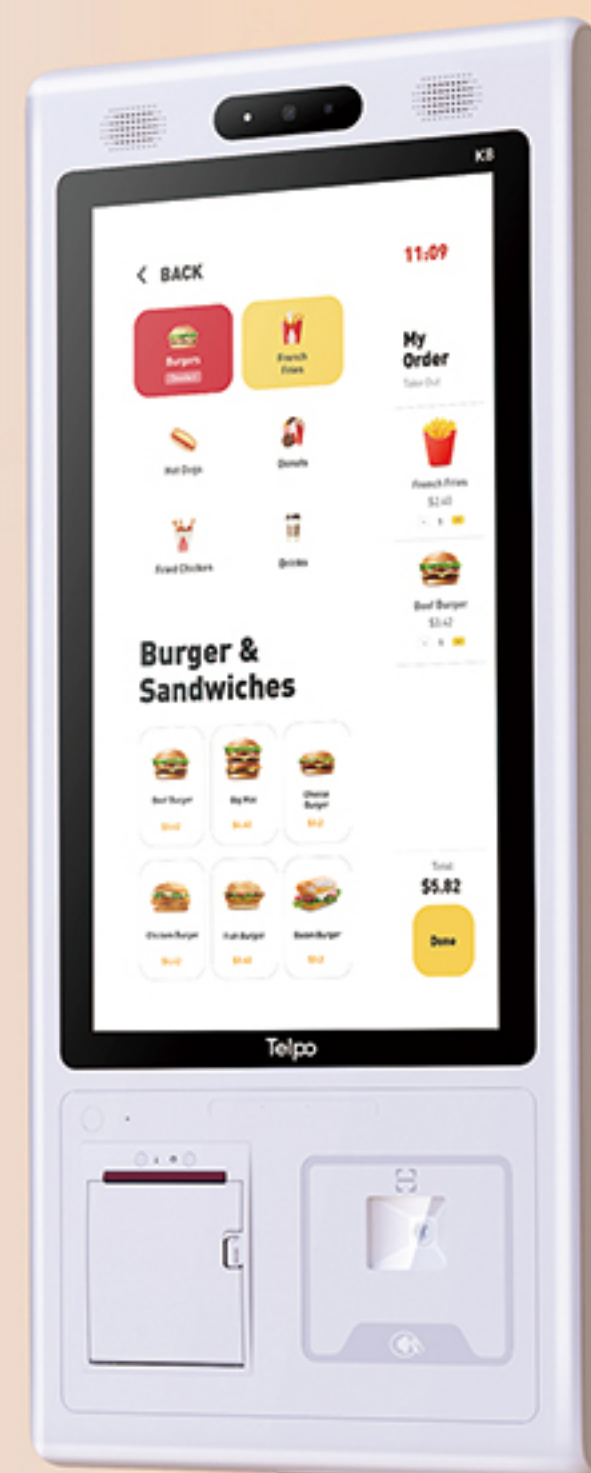
Paper width 80mm, Ø80mm,
with auto cutter
Printing speed: 150mm/s

※ Stand

Countertop, Floor-standing,
Wall-mounted, Checkout desk

※Optional

Note: Product parameters will be updated from time to time



K8M

Self-Service Kiosk

Specifications

OS

Telco OS
(Based on Android 11)

Memory

4GB RAM, 16GB ROM
※ 4GB RAM, 128GB ROM

※ Face Camera

Single-Lens Camera
Dual-Lens Camera
3D Depth Sensing Camera

Communications

Wi-Fi/Bluetooth/Ethernet
※ LTE/WCDMA/GRPS

Processor

Hexa-Core 1.8GHz

Display

21.5", 1080*1920

Printer

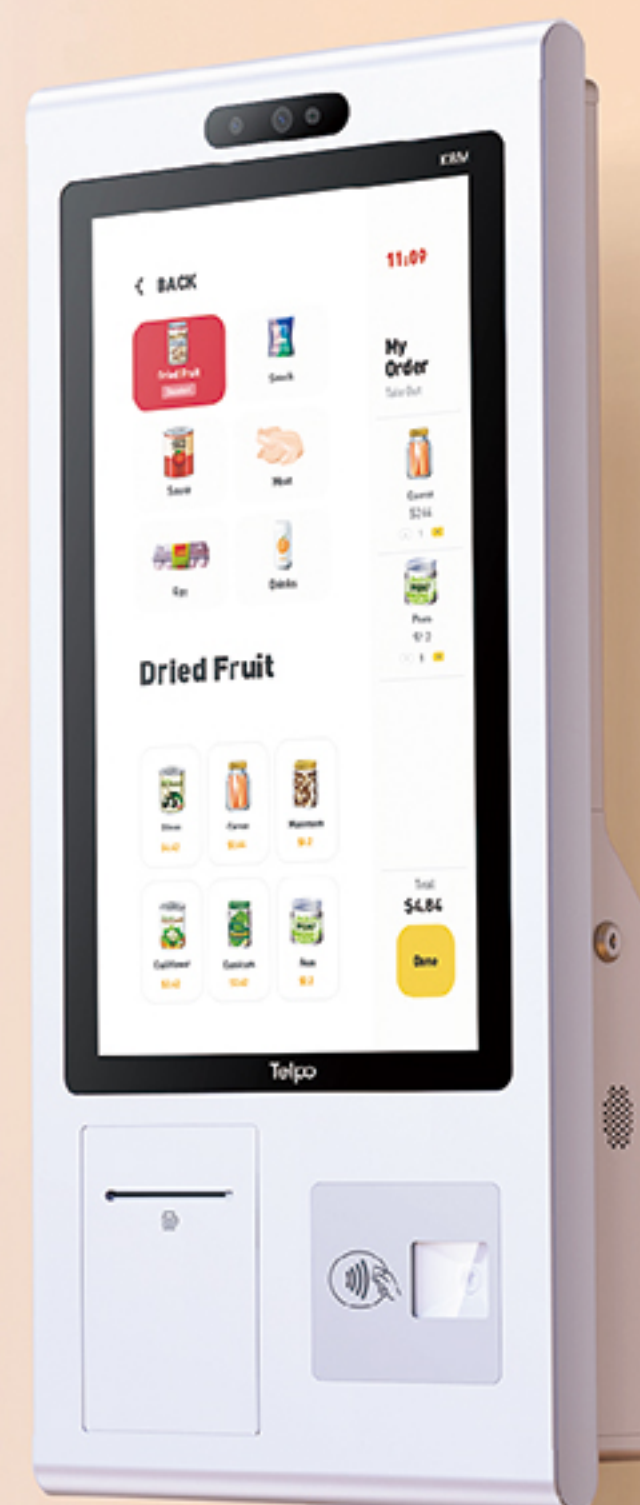
Paper width 80mm, Ø80mm,
with auto cutter
Printing speed: 150mm/s

※ Stand

Countertop, Floor-standing,
Wall-mounted, Checkout desk

※Optional

Note: Product parameters will be updated from time to time



K10

Desktop Mini Kiosk

Specifications

OS

Telpe OS
(Based on Android 13)

Memory

4GB RAM, 64GB ROM

※ Face Camera

Dual-Lens Camera

Peripheral Ports

1 USB-A 3.0, 2 USB-A 2.0,
1 RJ45, 1 RJ11, 1 RS232,
1 Audio Jack

Processor

Hexa-Core 1.8GHz

Display

15.6", 1080*1920

Printer

Paper width: 80mm, Ø80mm,
with auto cutter
Printing speed: 150~220mm/s

※ Stand

Countertop
Wall-mounted
POS bracket

※Optional

Note: Product parameters will be updated from time to time



K10MINI

Desktop Mini Kiosk

Specifications

OS

Telpe OS
(Based on Android 11)

Memory

4GB RAM, 64GB ROM

Printer

Paper width 58mm, Ø58mm

Peripheral Ports

4 USB-A 2.0, 1 RJ45, 1 RS232

Processor

Hexa-Core 1.8GHz

Display

11.6", 1366*768

Communications

Wi-Fi/Bluetooth/Ethernet

※ Stand

Countertop
Wall-mounted

※Optional

Note: Product parameters will be updated from time to time



Telpo Edge AI Computing Solution

Empowering Business with Intelligence & Digitalization.

Telpo Edge AI Box Solution delivers real-time visual AI processing without hardware upgrades, enabling smart upgrades across industries



AI Computing Solutions Focused on Industry Pain Points

Retail Industry

Imprecise customers data makes it hard to improve retail operations.

- Reliance on infrared sensors or turnstiles
- Manual count are inefficient
- Lack of behavioral insights



Operation Enhancement with AI Box

- Precise Customer Flow Analytics
- Heatmap and Movement Analysis
- Advertising Distribution



Why Choose Telpo Edge AI Box Solution



Cost Reduction and Efficiency Improvement

Single device replaces multiple traditional servers, reducing hardware investment by 60% and increasing operational efficiency by 50%.



Agile Deployment

Provides standardized API interfaces and SDK documentation to help users quickly implement hardware solutions.



Professional After-Sales Service

Assists users in resolving various issues during hardware deployment and provides professional hardware after-sales support.

Telpo Edge AI Box Solution



Support Multi-System

Seamlessly integrates with Windows, Debian, and Android development systems for rapid deployment.



Multiple Computing Power Solutions

From 6 TOPS AI box to 32 TOPS large computing power products, flexibly adapting to customer scenario needs.

Rich Interfaces, Flexible Deployment

Offers a flexible selection of interfaces including USB, HDMI 2.0, RS-485, and RS-232.

Easy Installation in Harsh Environments

Compact and robust design supports a wide range of operating temperatures and voltage inputs.

6T Light-weighted AI



Personnel Gathering



Customer Flow Analysis



Customer Flow Analysis



Face Recognition



Human Body Recognition



Behavior Analysis

ZEEKR 极氪

Case of Store Management

Customer Demands

- Requires precise customer flow analysis to optimize store layout.
- Requires real-time perception of customer behavior to improve service accuracy.



Project Value

Precise Customer Flow Analysis

By deploying AI edge computing boxes, real-time visual and pedestrian flow analysis is performed to accurately calculate store customer traffic.

Store Heatmap Distribution

AI algorithms automatically identify dwell time and interaction paths around display vehicles, allowing for targeted adjustments to vehicle display arrangements.

Customer Behavior Analysis

Identifies customer behaviors, such as browsing display vehicles, and interest in test drive services, helping stores dynamically configure service resources.



V15

6 TOPS Edge AI Box

Flexible Deployment

- 6 TOPS computing power suits for flexible upgrade of existing devices.

Customizable System

- Support Debian, Ubuntu and Android system customization for easier deployment.

Wide algorithm Coverage

- The AI box supports 29 types of scene algorithms, applicable to most daily AI analysis scenarios.



Specifications

※Optional

Note: Product parameters will be updated from time to time

CPU

Quad-core Cortex-A72 +
Quad-core Cortex-A53, up to 2.2GHz

Operating System

Debian 11, (optional Ubuntu, Android)

Encoding Protocol

H.264, H.265

Hardware Watchdog

support

Storage Temperature

-20℃~75℃

Cooling Method

Heat sink/fanless passive cooling

GPU

ARM G52 MC3

Internal Memory

8GB LPDDR4
64GB EMMC

Decoding protocol

H.264, H.265, 8K VP9, AV1

Power Supply

DC 12V/3A

Operating Humidity

5%RH ~ 85%RH

Protection Level

IP40

NPU

6TOPS* RKNN

SSD

Optional (M.2 interface, NVMe protocol,
128G, 256G, 512G, 1T)

Video Input Channels

Support 16-channel 1080P@30fps,
32-channel 720P@30fps

Operating Temperature

-10℃~50℃

Interface

1 HDMI
2 RJ45
2 LAN
2 USB2.0
2 USB3.0
1 RS232
1 RS485
TYPE-C
1 Micro SD Slot
4 IO
※ PCIE interface

V19

Edge AI Box

Customizable System

- Pre-installed Android system and support Debain and Ubuntu system customization.

Vertical I/O Support

- Rich I/Os enable connectivity for multi-function devices and video capture interfaces.

Engineered for Harshment

- Compact and rugged design allows for harsh operating temperatures and voltage inputs.



Specifications

※Optional

Note: Product parameters will be updated from time to time

CPU 4×Kryo 260 (A73) 2.0GHz+ 4x Kryo 260(A53)@1.8GHz	GPU Adreno 610	Operating System Android 13
Internal Memory 4GB LPDDR4 64GB EMMC	※ Wi-Fi 2.4GHz & 5GHz, support IEEE 802.11 a/b/g/n/ac and above	※ Bluetooth Bluetooth 5.0
Button Power on/off Reset button	Power Button Boat-shaped power switch button	Power Indicator support
Power Supply DC 12V/2A	Operating temperature -10℃~50℃	Storage temperature -20℃~75℃
Operating Humidity 5%RH - 85%RH(No condensation)	Heat Dissipation Method Heat sink/fanless passive cooling	Interface 1 HDMI 1 LAN, 1000Mbps 2 USB2.0 2 USB3.0 1 RS232 (DB9) 1 TYPE-C 1 3.5mm line out/in 1 DC OUT

R&D Capabilities

Hardware Platforms



Qualcomm



Rockchip



MediaTek

Core Technologies



Android OS



Face



Iris



Fingerprint

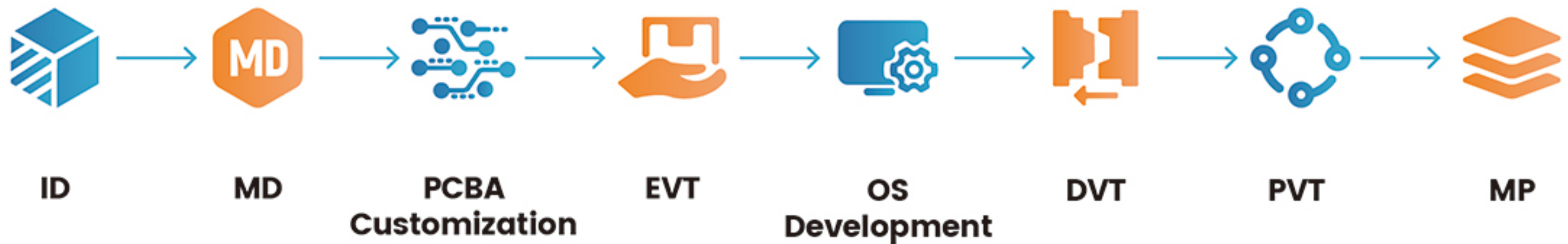


QR Code



NFC

Telpe ODM Development



- ✓ **1 month** EVT mock-up after ID confirmation
- ✓ **2 months** EVT+DVT+PVT phases
- ✓ **3 months** Design to mass production

Customization Advantages

Rich Customization Experience

Extensive experience in tailored hardware solutions for leading global brands.

Multi-Platform Technology Solution

Support mainstream platforms such as Rockchip, Qualcomm, MediaTek and UNISOC, etc.

Complete Product Lines

Covers multi-industry applications and diverse deployment scenarios.

Comprehensive Customization Process

One-stop service from ID to mass production, covering ID, MD, PCBA, EVT, DVT, PVT, OS and MP.

Unified Standard SDK

Open SDK platform ensures cross-terminal compatibility.

Intelligent Hardware Management Platform

Analyze past data, monitor real time performance and predict future trends.

Telpo MDM

Smart Management Mastery: Remote control and data fortress, personalized for peak efficiency.

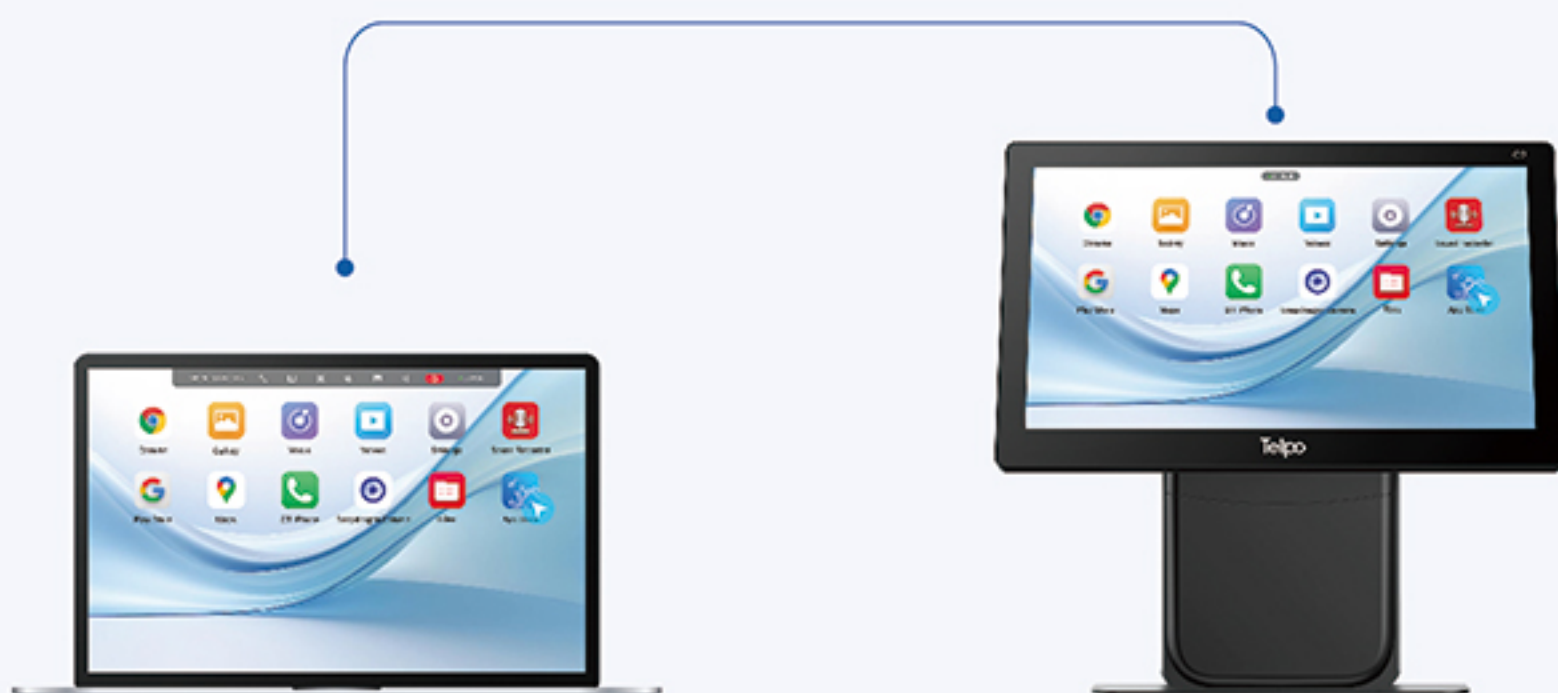


Core Advantages

Remote Control, Manage with Ease: Effortlessly overcome spatial barriers for efficient device control, bringing management within reach.

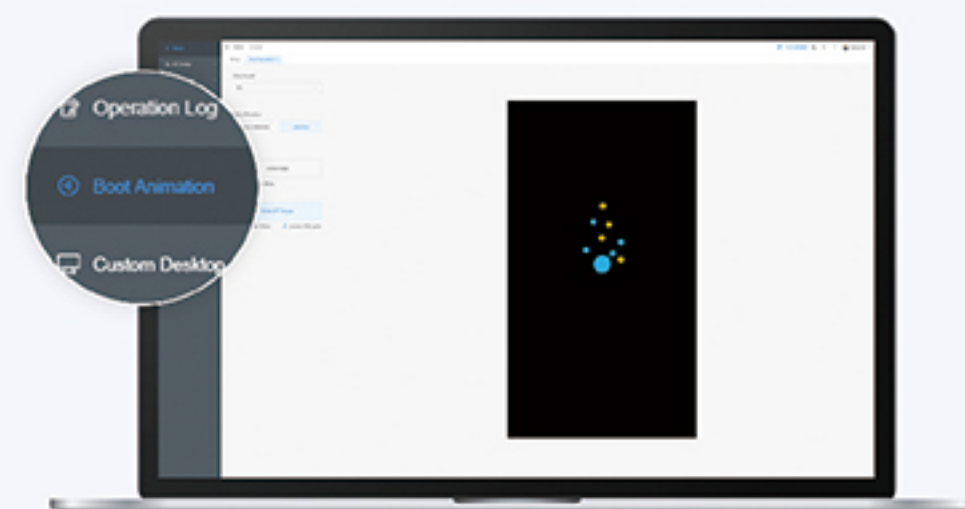
Remote Assistance

Support devices remotely with ease, enhancing operational continuity.



Personalization

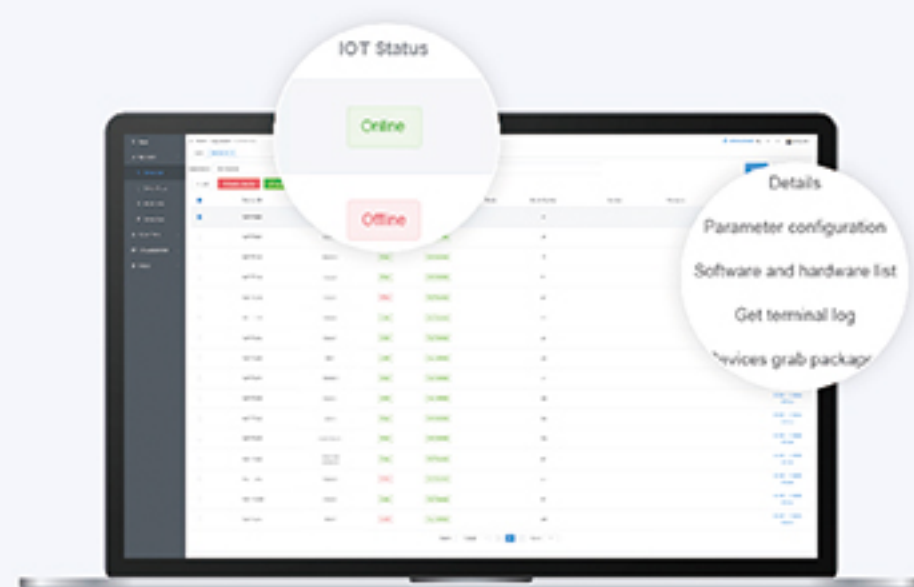
Customize the user interface with wallpapers, logos, and boot animations for a branded experience.



Device Configuration

Status Monitoring

Device Configuration



Deployment & Upgrades

Simplify with independent deployment and seamless device management upgrades.



Telpo App Store

Ecosystem App: Dynamic app hub for personalized, efficient experiences.



Core Advantages

Ecosystem Synergy, Application Innovation: Construct an ecosystem for intelligent terminal applications that stimulates innovation and achieves mutual benefits.

App Distribution

A centralized platform for distributing and managing applications.



Private Apps

Secure and exclusive access to proprietary applications for businesses.



Public Apps

Access to a wide array of public applications for diverse needs.



Telpo OS 2.0

Customized OS Excellence: Tailored smart OS for optimized user experience.



TPOS

Core Advantages

Intelligent Operation, Customize the Future: Initiating a new era of personalized intelligent systems where operations are smarter and customization is more free.

Customization Capabilities

Over 100+ APIs for deep OS customization to fit specific business needs.



Commercial UI Design

Distinctive UI design tailored for commercial environments, enhancing user interaction.



Advanced Printing

Robust printing capabilities with customizable font size, color, and multilingual support.



Performance Enhancement

Notable improvements in standby time, memory storage, and app launch speed.



Standby Time



Smaller OS Components



App Launch Speed

Telpo SDK

Developer-Centric Toolkit: Unifies all device capabilities, enabling one-time coding with universal applicability.



Core Advantages

Personalized customization, security assurance, streamlined APIs, modular development for rapid, secure app creation.

Unified Interface

A single interface that caters to all device requirements for comprehensive compatibility and integration.



Future-Proof Development

Ensure development is compatible with future versions, minimizing the need for updates.



Modular Design

Emphasize a developer-friendly modular approach to simplify the development process.



Telpo Support

Comprehensive after-sales service, efficient and reliable customer support



www.telpo.vip:1351

Basic Technical Support



- ✓ 24/7 online ticket and support service
- ✓ Remote diagnosis and troubleshooting
- ✓ Technical documentation and video tutorials
- ✓ API/SDK integration support

Key Project Support



- ✓ Priority technical support and quick response
- ✓ Dedicated expert team service
- ✓ On-site technical guidance
- ✓ Professional training courses
- ✓ Customized solutions according to project needs

Additional Value-Added Services



- ✓ Remote monitoring and predictive maintenance for smart devices
- ✓ Rapid spare parts logistics and delivery services
- ✓ Telpo MDM (Mobile Device Management) for centralized remote device management

Local Service Network

Telpo ensures efficient local service with repair centers in **Nigeria, Tanzania, China, USA, South Africa**, and more added regularly. Our local hubs deliver fast after-sales service for maximum satisfaction.

Contact us for updated service point details





Quality Control

Adhering to ISO 9001 standards, Telpo has established a comprehensive quality control system encompassing R&D, production, and sales. With CNAS laboratory qualifications, Telpo can issue internationally recognized testing reports, and provides strong product quality.



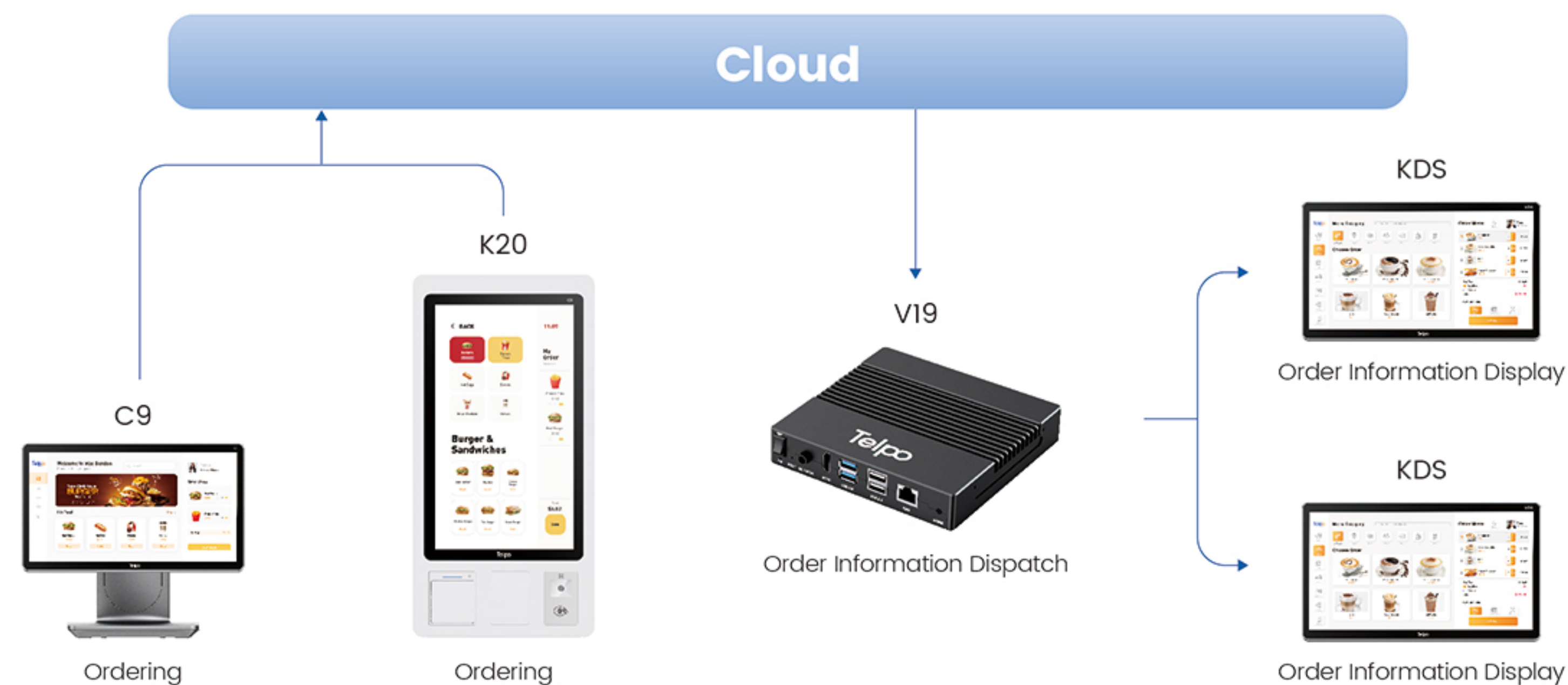
Telpo's Global Success Stories

With great achievements in payment and retail, Telpo's innovative products and tailored services have made a lasting impact worldwide.

Case of Retail Industry

Customer Demands

- Automatic monitoring of employee attendance.
- Accurate customer flow statistics, peak hours.
- Security identification, unattended alerts.
- Precise advertising push based on real-time customer conditions.



Project Value

Advertising Distribution

Stores distribute marketing advertisements to in-store displays via cloud and AI boxes.



Kitchen Information Distribution

The box receives POS order information and synchronizes it to the kitchen KDS.





Hotel in Central Asia

Telpe Product
P8 with Printer

Functions
Tax billing, receipt printing

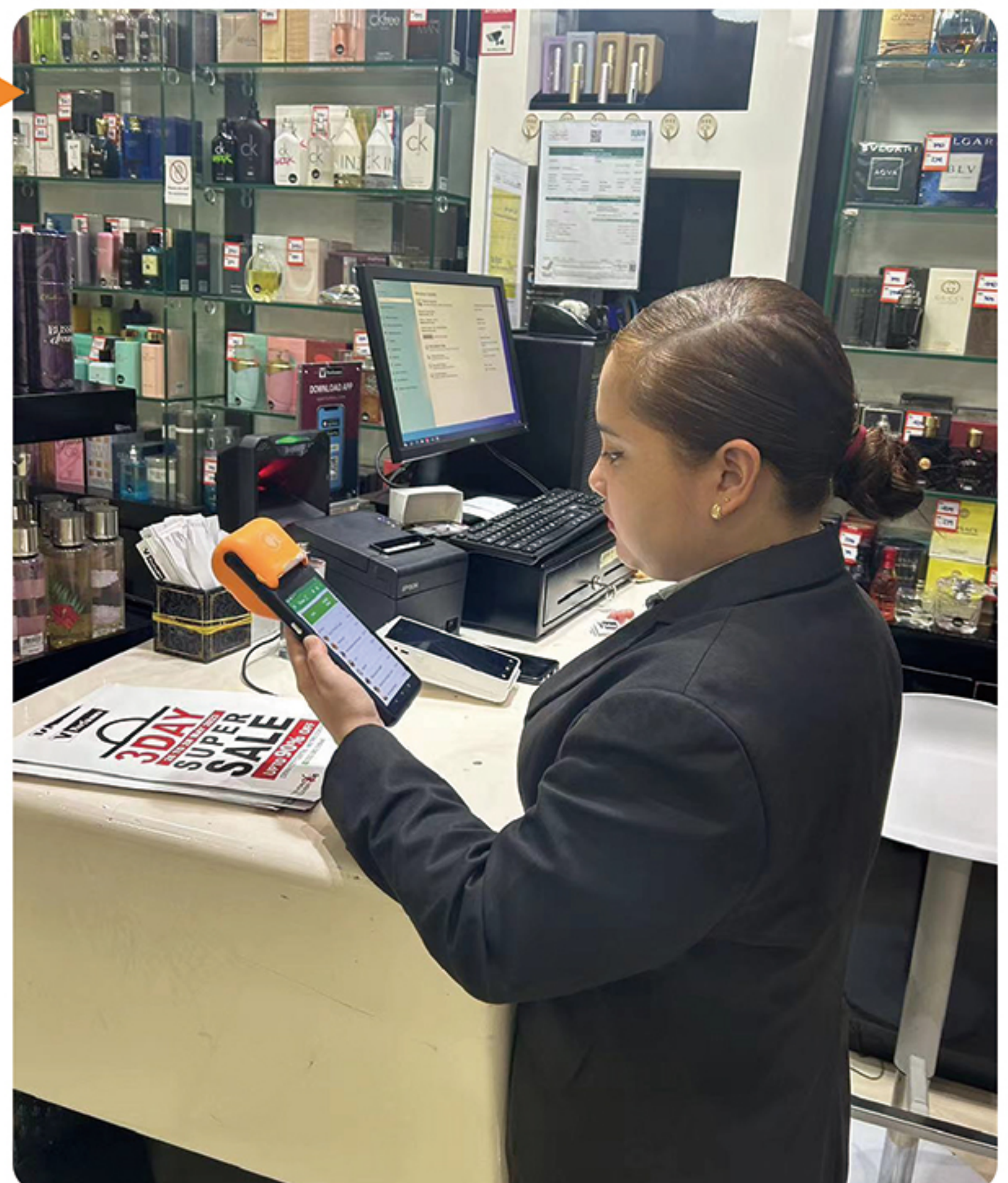
Values
Easy operation, seamless fiscal
experience

Renowned Cosmetic Store in Europe

Telpe Product
M1

Functions
Mobile payment processing, receipt
printing

Values
Shorter wait time, enhanced customer
satisfaction





Hotel Payment in Central Asia

Telpo Product
TPS320

Functions
NFC payments, QR code payments,
receipt printing

Values
Streamlined payment processing,
enhanced customer experience

Takeway Coffee Bar in Argentina

Telpo Product
TPS680

Functions
Customer facing display, food
ordering

Values
Improved efficiency, streamlined
operation





Fast Food Restaurant in Vietnam

Telco Product
C11

Functions
Touch screen ordering

Values
Enhanced customer satisfaction

mềm đến tay
ng ngay
hiệu quả



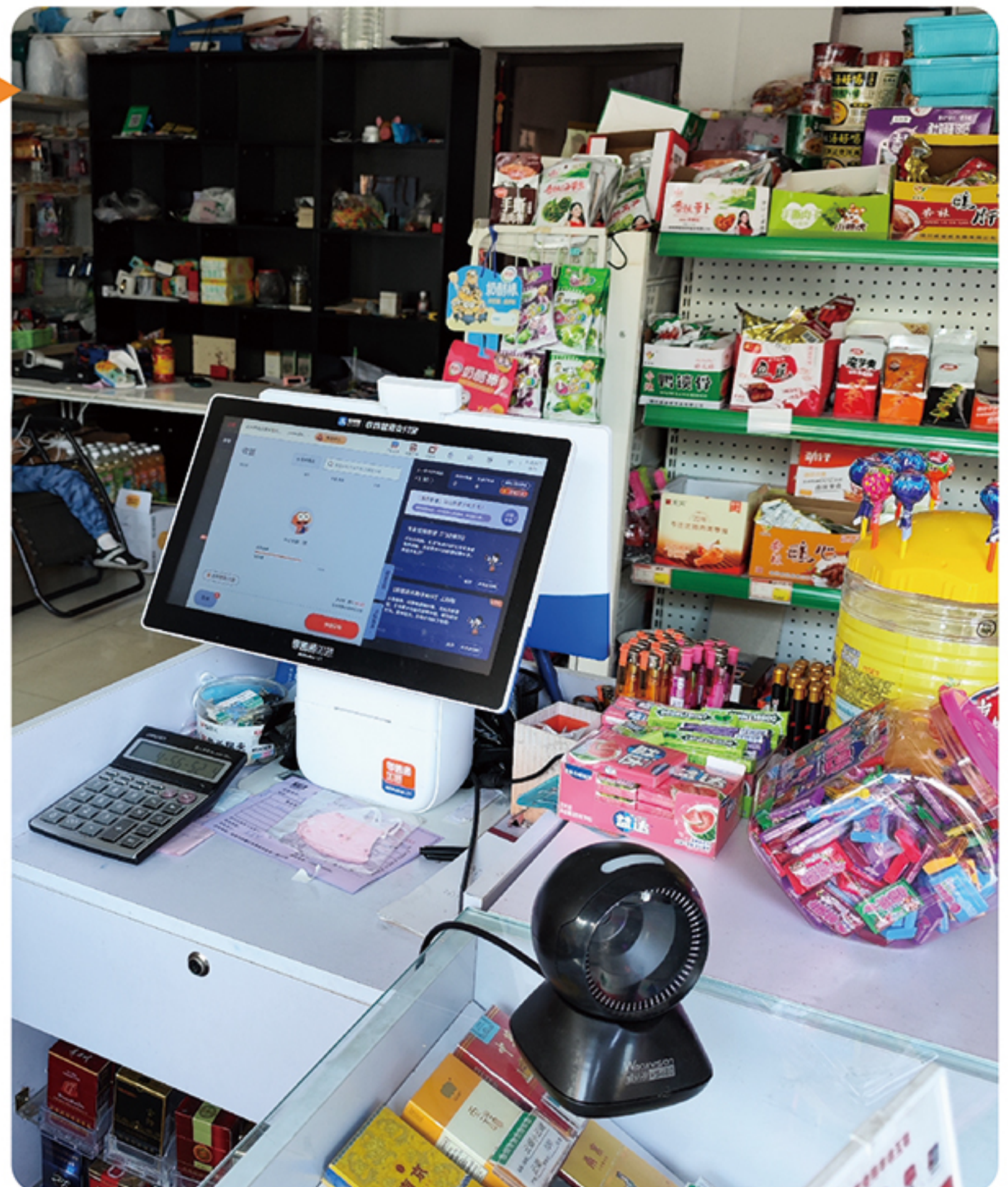
Alibaba LST

Alibaba LST.1688.com is an online platform created by Alibaba for offline retail stores. It aims to upgrade the offline retail industry with the Internet

Telco Product
Ruyi POS customization

Functions
Face payment, receipt printing,
takeout order processing.

Values
Smart cashier management, digital
retail, enhanced customer experience





CAI
N!AO

Cainiao is the world's No. 1 cross-border e-commerce logistics company with one of the world's largest logistics networks

Telpo Product

All-in-one self-pickup machine customization

Functions

Automatic photo capture, automatic data transmission, voice broadcasting

Values

Improve efficiency, reduce labor costs, facilitate parcel tracing



Burger King is the second largest fast food hamburger chain in the world

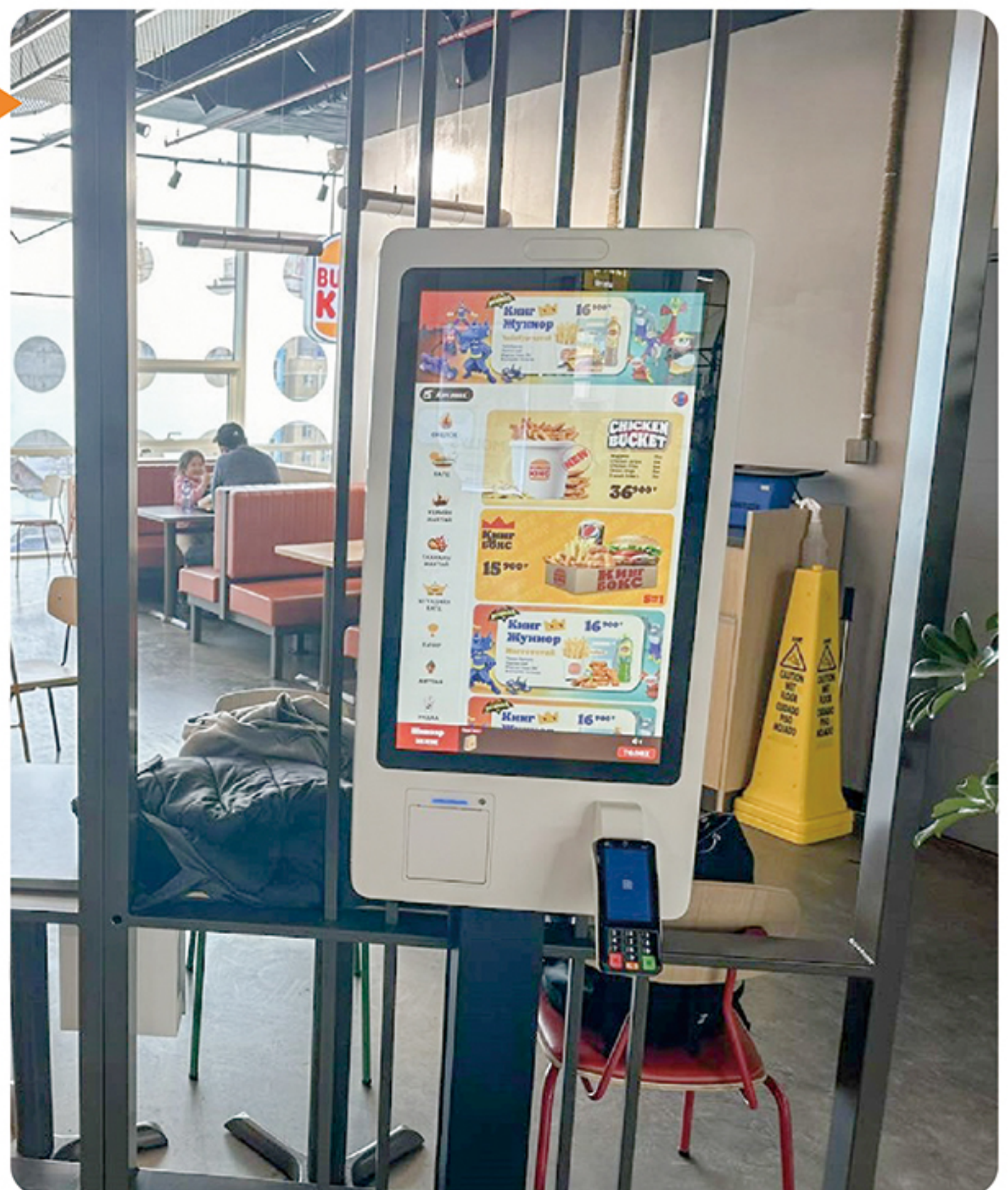
Telpo Product
K20

Functions

Self-ordering, self-payment, receipt printing.

Values

Saves customers' time of waiting in line to order, reduces labor costs, and enhances store operational efficiency




METRO

METRO is a global chain commercial company headquartered in Germany

Telpe Product
K8

Functions
Self-service checkout, barcode scanning, receipt printing.

Values
Improve checkout efficiency, enhance customer satisfaction, and save labor costs



MEIYIJIA

Meiyijia is a top convenience store brand in China with 30,008 stores nationwide

Telpe Product
K10MINI

Functions
Self-payment, barcode scanning, receipt printing.

Values
Space-saving, improved checkout efficiency, saved labor costs, enhanced customer experience



Contact Us

Telepower Communication Co., Ltd.

✉ Email: business@telpo.com
☎ WhatsApp: +86 18603080594
📍 Add: Foshan City, Guangdong, China

💬 WeChat: Telpo_Global
☎ Tel: +86 757 86337898-324
🌐 Web: www.telpo.com.cn

Scan here to get more content



Notice: All product pictures and parameters in the manual are for reference only. The actual parameters and configuration are subject to the latest product update without notice. This manual copyright belongs to Telepower Communication Co., Ltd. All rights reserved.

Version 2.0 Latest Updated on August 1, 2025