



AIYIN

PRODUCT MANUAL

Ai Printing , Choose AiYin!

• Shipping Label Printer

Model	AS220 (2.5inch) NEW	AS230 (3inch) NEW	AD230 (3inch)	AD231 (3inch)	A70 (3inch)	A71 (3inch)	AC230 (3inch)	ID230(3inch)	AE240 (4inch)	AE241 (4inch)	AD240 (4inch)	AS240/AS340 (4inch) NEW	E40 (4inch)	E41 (4inch) NEW	A81 (4inch)	A82 (4inch)	AC240 (4inch)	ID240(4inch)
Picture																		
Printing method	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing
Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	AS240:203dpi, AS340:304dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi
Printing speed	150mm/s	150mm/s	150mm/s	150mm/s	180mm/s	220mm/s	76mm/s	300mm/s	150mm/s	150mm/s	150mm/s	150mm/s	100mm/s	100mm/s	150mm/s	150mm/s	50mm/s	300mm/s
Effective printing width	54mm	80mm	80mm	80mm	80mm	80mm	72mm	80mm	48-108mm	108mm	108mm	108mm	108mm	108mm	48-104mm	108mm	104mm	104mm
Label width(MAX)	15mm-65mm	15mm-85mm	84mm	84mm	84mm	84mm	80mm	110mm	110mm	110mm	112mm	115mm	112mm	112mm	110mm	112mm	110mm	110mm
Adaptive consumables	thermal label	thermal label	thermal label, thermal receipt	thermal label, thermal receipt	thermal label	thermal label	thermal label	thermal label	thermal label	thermal label	thermal label	thermal label	thermal label	thermal label	thermal label	thermal label	thermal label	thermal label
Printer lifespan	30km(warranty), 50km(lifespan)	30km(warranty), 50km(lifespan)	30km(warranty) 50km(lifespan)	30km(warranty) 50km(lifespan)	30km(warranty), 50km(lifespan)	30km(warranty), 50km(lifespan)	30km(warranty)50km(lifespan)	50km(warranty)	30km(warranty) 50km(lifespan)	30km(warranty), 50km(lifespan)	30km(warranty), 50km(lifespan)	30km(warranty)50km(lifespan)	30km(warranty), 50km(lifespan)	30km(warranty), 50km(lifespan)	30km(warranty) 50km(lifespan)	30km(warranty), 50km(lifespan)	30km(warranty)50km(lifespan)	50km(warranty)
Weight	1kg	1.03kg	852g	852g	555g	555g	598g	2500g	1000g	1000g	1100g	1500g	490g	490g	904g	830g	689g	2500g
Dimension	135*187*159mm	155*187*159mm	141*175*138mm	141*175*138mm	155*164*107mm	155*164*107mm	206*94*90mm	250*200*110mm	205*175*150mm	205*175*150mm	225*177*168mm	207.6*187*159mm	185*83*61mm	185*83*61mm	200*82*92mm	183*100*90mm	206*94*90mm	250*200*110mm

• Home&Office Mini Printer

Model:P20 NEW	Model	D11/D11s/D11Pro(0.5inch)	D110(0.5inch) NEW	D12(0.5inch) NEW	D30/D30 Pro (0.5inch)	Q2/Q2 Pro (2inch)	B21 (2inch)	B22 (2inch)	B22s (2inch) NEW	B23	B23a	B23b NEW	Q3/Q3Pro NEW
	Picture												
Name: Instant Print Camera for Kids	Printing method	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing
Display: 2.4inch color screen	Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi (Q2)/300 dpi (Q2 Pro)	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi (Q3)/ 300 dpi (Q3 Pro)
Storage method: FAT32 format memory card (Micro SD)/TF	Printing speed	15mm/s(MAX)	15mm/s(MAX)	15mm/s(MAX)	20mm/s(MAX)	15mm/s(MAX)	50mm/s(MAX)	20mm/s(MAX)	20mm/s(MAX)	10mm/s(MAX)	10mm/s(MAX)	15mm/s(MAX)	15mm/s(MAX)
Image effect: Filter/Photo frame	Effective printing width	12mm (MAX)	12mm (MAX)	12mm (MAX)	15mm (MAX)	48mm (MAX)	48mm (MAX)	48mm (MAX)	48mm (MAX)	48mm (MAX)	48mm (MAX)	48mm (MAX)	48mm (MAX)
Battery capacity: 1200mAh 3.7v	Battery capacity	1500mAh(D11/D11 Pro), 1200mAh(D11s)	1200mAh 3.7v	1200mAh 3.7v	1500mAh 3.7v	1000mAh 3.7v	2500mAh 3.7v	1200mAh 3.7v	1200mAh 3.7v	1200mAh 3.7v	1200mAh 3.7v	1000mAh 3.7v	1000mAh 3.7v
Consumables: Recording Paper, label paper, Self-adhesive paper	Adaptive consumables	label(including transparent label)	label	label	thermal label(including transparent label), continuous paper	receipt paper, record sticker	label(including transparent label),receipt paper, continuous adhesive paper	receipt paper, continuous adhesive paper	receipt paper, continuous adhesive paper	adhesive continuous paper, receipt paper, label paper	adhesive continuous paper, receipt paper, label paper	continuous paper, label paper, roll paper	Continuous Record Paper, Label Paper (including Black Label Paper)
Charging interface: Type-C 5V@2A	Charging interface	Type-C 5V@2A	Type-C 5V@2A	Type-C 5V@2A	Type-C 5V@2A	Type-C 5V@2A	Type-C 5V@2A	Type-C 5V@2A	Type-C 5V@2A	Type-C 5V@2A	Type-C 5V@2A	Type-C 5V@2A	Type-C 5V@2A
Weight: 180g	Weight	168g	126g	120g	218g	157g	215g	140g	140g	142g	142g	166g	166g
Dimension: 87.5*53*105.5 mm	Dimension	120*83*33mm	87.7*73*33.5mm	73*72.5*33.5mm	129*86*40mm	85*84*41mm	90*98*48.3mm	80.6*57.2*64.3mm	80.6*57.2*64.3mm	89*86*39 mm	89*86*39 mm	92*82*40.5 mm	92*82*40.5 mm

• Pocket Printer

• A4 Thermal Printer

A4L/A4L Pro(8inch)	A40/A40a(8inch)	A40s(8inch)	A41 (8inch)	A42 (8inch)	A43(8inch) NEW	A8s(8inch) NEW	A9s(8inch) NEW
Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing
203 dpi (A4L)/ 300 dpi (A4L Pro)	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi
20mm/s(MAX)	20mm/s(MAX)	10mm/s (Tattoo paper) 20mm/s(MAX)	20mm/s(MAX)	20mm/s(MAX)	10mm/s (Tattoo paper) 20mm/s(MAX)	20mm/s(MAX)	20mm/s(MAX)
208mm (MAX)	208mm (MAX)	208mm (MAX)	208mm (MAX)	208mm (MAX)	208mm (MAX)	208mm (MAX)	208mm (MAX)
2600mAh 7.4v	2600mAh (A40), 1800mAh (A40a) 7.4v	2600mAh 7.4v	1800mAh 7.4v	1800mAh 7.4v	1800mAh 7.4v	1800mAh 7.4v	1800mAh 7.4v
continuous paper, Folded paper,label	A40: black label folded paper, label paper, roll paper A40a: folded paper, label paper, roll paper	continuous paper, label, tattoo transfer paper	continuous paper, perforated folding paper	continuous paper, perforated folding paper	continuous paper, perforated folding paper	Sheet A4 paper, perforated folded paper, black label folded paper, rolled paper, tattoo paper	Sheet A4 paper, perforated folded paper, black label folded paper, rolled paper, tattoo paper
Type-C 5V@2A	Type-C 5V@2A	Type-C 5V@2A	Type-C 5V@2A	Type-C 5V@2A	Type-C 5V@2A	Type-C 5V@2A	Type-C 5V@2A
680g	680g	680g	680g	680g	680g	706g	706g
265.6*80*48mm	266*82*50mm	266*82*50mm	266*82*50mm	266*82*50mm	266*82*50mm	275*70*52mm	275*70*52mm

• Business Label Printer

Model	MP220 (2inch)	MP230 (3inch)	MP231 (3inch)	MP232 (3inch)	MP233(3inch) NEW	MC220(2inch) NEW	MC240(4inch)
Picture							
Printing method	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing
Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi
Printing speed	65mm/s(MAX)	65mm/s(MAX)	60mm/s(MAX)	100mm/s(MAX)	80mm/s(MAX)	60mm/s(MAX)	50mm/s(MAX)
Effective printing width	48mm	72mm	72mm	72mm	72mm	80mm	104mm
Label width(MAX)	58mm	80mm	80mm	80mm	80mm	15~60mm	110mm
Adaptive consumables	thermal label	thermal label, thermal receipt	thermal label, thermal receipt	thermal label, thermal receipt	thermal label, thermal receipt	thermal label,thermal receipt	thermal label
Battery capacity	1500mAh 7.4v	2000mAh 7.4v	2000mAh 7.4v	2000mAh 7.4v	2600mAh 7.4v	2600mAh 3.7v	/
Weight	280g	360g	330g	370g	360g	/	689g
Dimension	133.7*88*59.2mm	122*110*52mm	110.8*109.1*59.7mm	120*130*65mm	131*118*60mm	137*100*104mm	206*94*90mm

• Thermal Transfer Printer Series High performance with enduring effect and not fade

Model	AY-320 NEW	DT-402 NEW	AT241 NEW	AT341 NEW	AT641 NEW	IE240 NEW	IE340 NEW	IE640 NEW	T200 NEW	T300 NEW
Picture										
Printing method	thermal transfer printing	thermal transfer printing	thermal transfer printing	thermal transfer printing	thermal transfer printing	thermal transfer printing	thermal transfer printing	thermal transfer printing	thermal transfer printing	thermal transfer printing
Resolution	203 dpi	203 dpi	203 dpi	300 dpi	600dpi	203 dpi	300 dpi	600dpi	203 dpi	300 dpi
Printing speed	150mm/s(MAX)	200mm/s(MAX)	150mm/s(MAX)	150mm/s(MAX)	100mm/s(MAX)	250mm/s(MAX)	200mm/s(MAX)	100mm/s(MAX)	200mm/s(MAX)	150mm/s(MAX)
Effective printing width	80mm	108mm	108mm	107mm	104mm	108mm	106mm	106mm	108mm	108mm
Label width(MAX)	110mm(MAX)	25-115mm	110mm (MAX)	110mm (MAX)	110mm (MAX)	120mm (MAX)	120mm (MAX)	120mm (MAX)	110mm	110mm
Adaptive consumables	thermal label, black mark paper	thermal label, black mark paper, continuous paper	thermal label, black mark paper, continuous paper	thermal label, black mark paper, continuous paper	thermal label, black mark paper, continuous paper	thermal label, black mark paper, continuous paper, washing mark, punching hole paper	thermal label, black mark paper, continuous paper, washing mark, punching hole paper	thermal label, black mark paper, continuous paper, washing mark, punching hole paper	thermal label, black mark paper, continuous paper	thermal label, black mark paper, continuous paper
Printer lifespan	USB(AV-320)/USB+bluetooth(AV320BT) USB+bluetooth+COM(AV-320P)	USB, USB+bluetooth USB+bluetooth+COM+HOST	USB, USB+bluetooth, USB+bluetooth+COM	USB, USB+bluetooth, USB+bluetooth+COM	USB, USB+bluetooth, USB+bluetooth+COM	USB, USB+bluetooth, USB+bluetooth+COM	USB, USB+bluetooth, USB+bluetooth+COM	USB, USB+bluetooth, USB+bluetooth+COM	USB, USB+bluetooth, USB+bluetooth+COM	USB, USB+bluetooth, USB+bluetooth+COM
Weight	2.22kg	2.22kg	2kg	2kg	2kg	10kg	10kg	10kg	1965g	1965g
Dimension	273*220*177mm	215*280*177mm	273*220*177mm	273*220*177mm	273*220*177mm	455*246*285mm	455*246*285mm	455*246*285mm	258*181*138mm	258*181*138mm

Kids Retro Mini Photo Printer

game video music Instant Printing 2.4-inch large screen



Full-process printing solutions

One-stop procurement, professional R&D
One-stop solution for software and hardware, comprehensive pre-sales/after-sales services

Efficient and convenient, cost saving

Equipment operation is simple
Print and paste, smart and convenient
Quickly print medical labels
Save costs and improve human efficiency

One-stop purchasing, system deployment

One-stop solution for software and hardware
Highly adaptable performance
Provide professional deployment services
Double guarantee of quality service

Professional R&D, quality service

Nearly 10 years of industry experience
Hundred-person R&D team
7*24 hours fast response
All-round pre-sales/after-sales service

Medical industry

Designed specifically for hospital equipment, for drug, ward, case summary traceability and medical archive management, etc.

Provides label and invoice printing barcodes for more efficient and convenient management



Medication Management



Wristband Tags



Simplify the Process

AS240 4 inch desktop thermal label printer



Home & Office Thermal Printer

Make label printing more fun!



Multiple Application Scenarios



★★★★★PRODUCT

D12
0.5 inch label printer



★★★★★PRODUCT

B23
2 inch label printer



★★★★★PRODUCT

A41
A4 Printer on sale

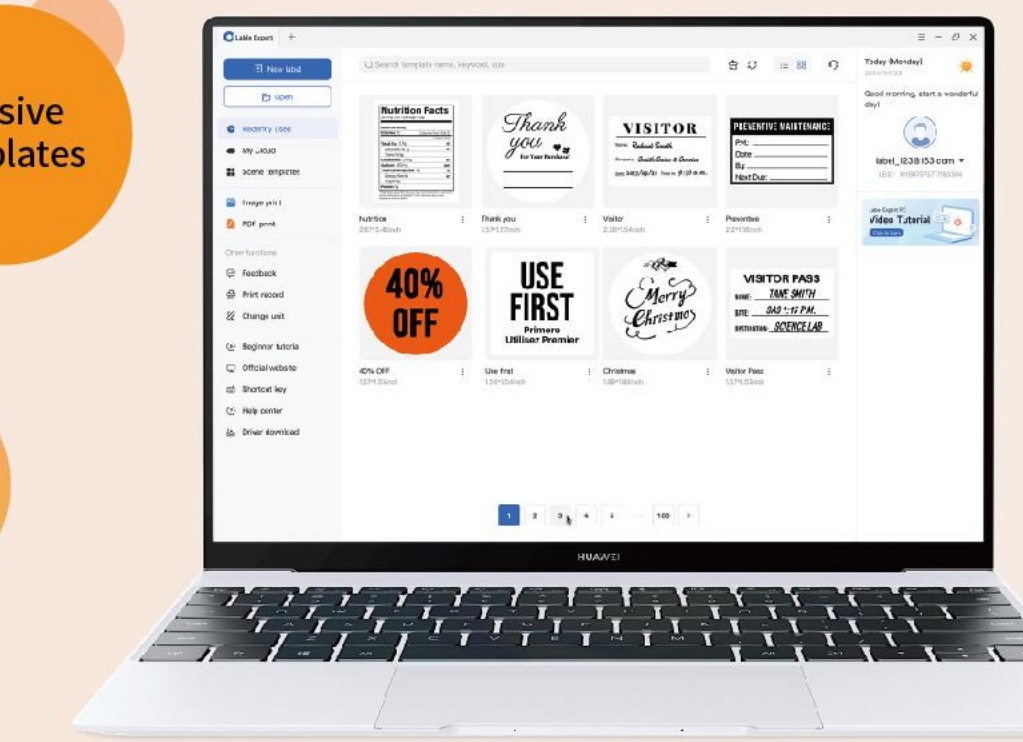


Free supporting professional label printing software

Text, picture, date, serial number, barcode, two-dimensional code, form and other editing functions are available; A variety of languages, fonts, ICONS, symbols are available for editing;
Multi-industry scenario templates can be used with one click.

Massive templates

Label editing



Scene application

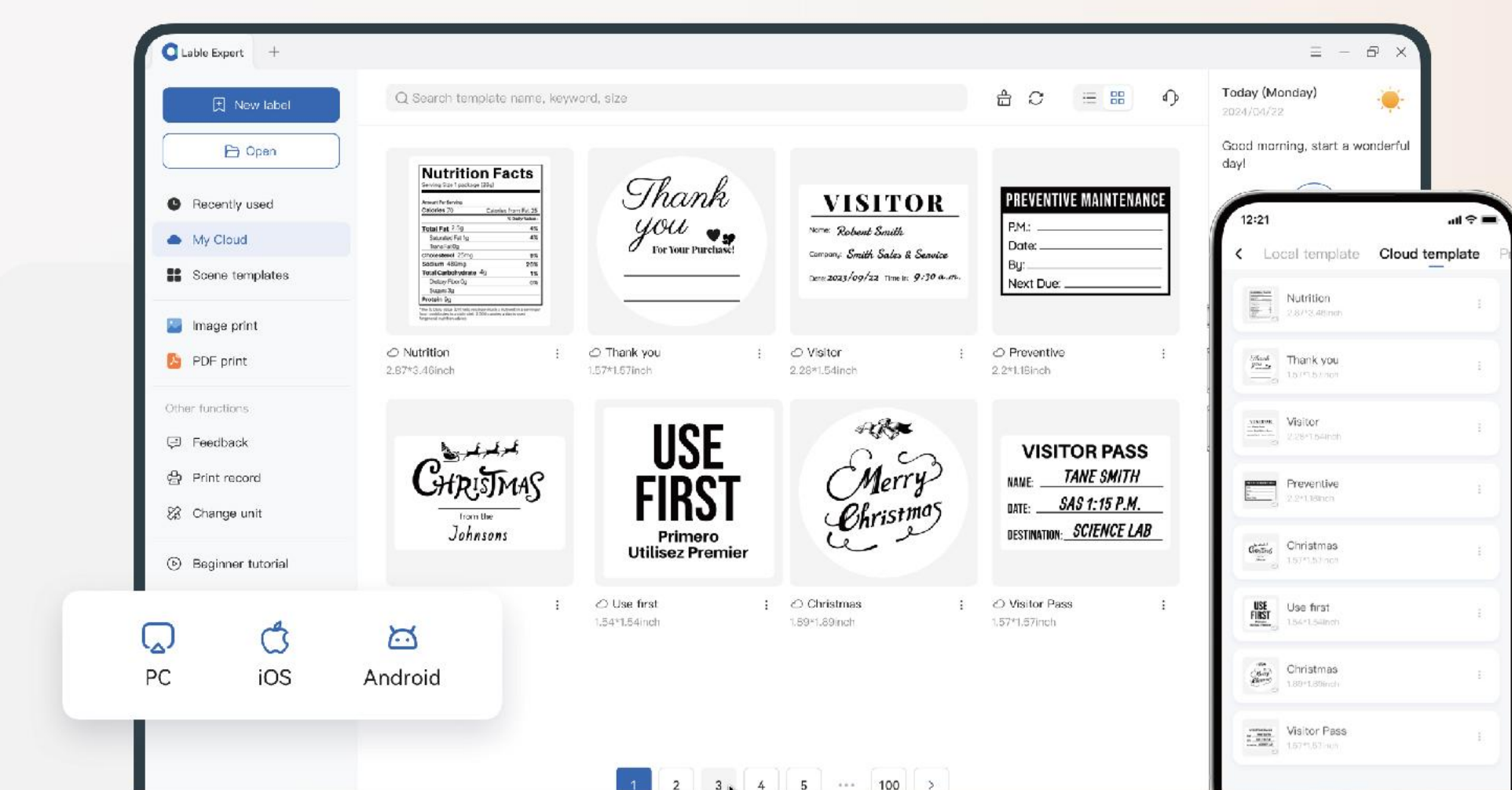
Multi-size print

LABEL EXPERT



Scan code to download APP

Suitable for APP and PC

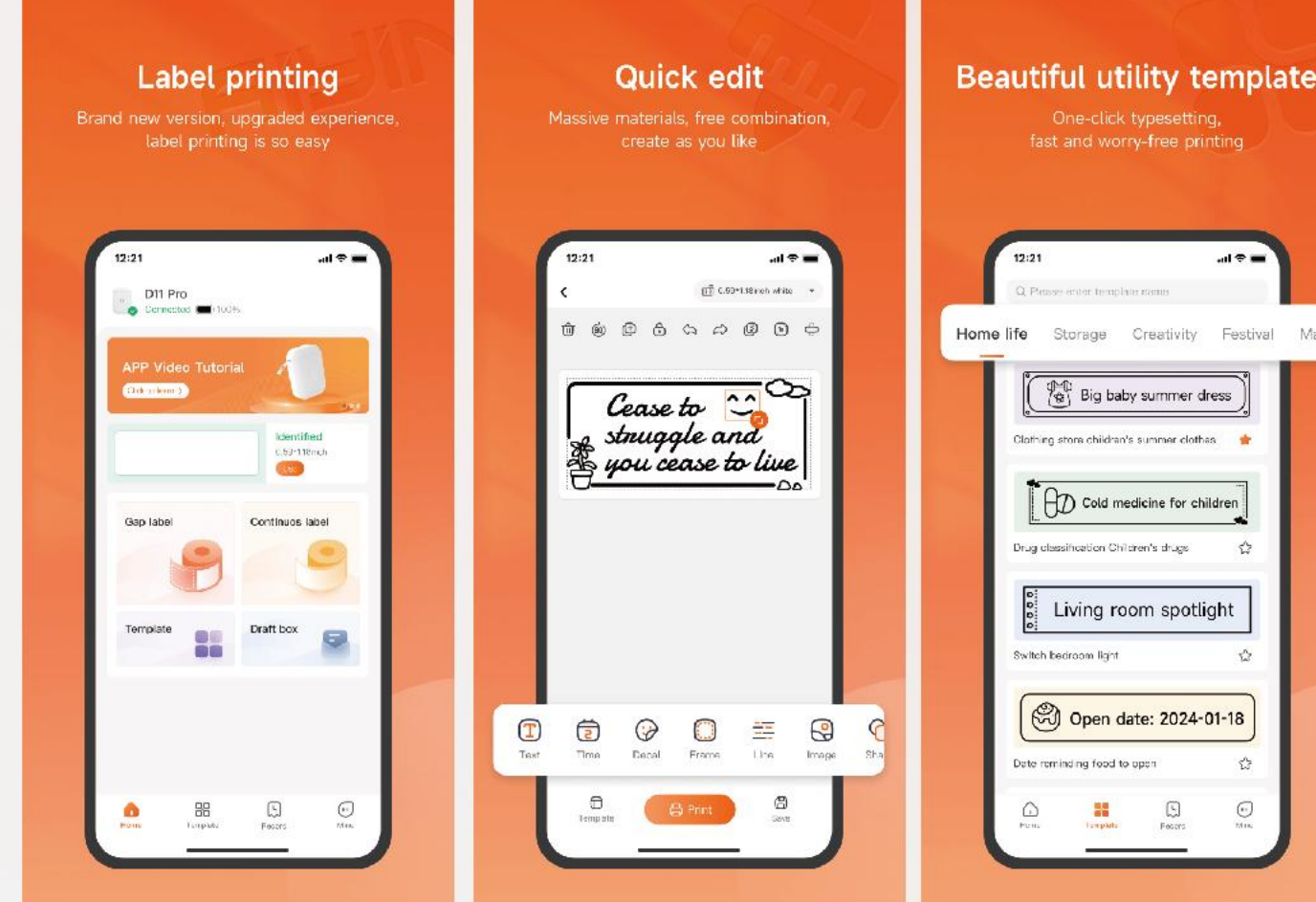


AiYin



Scan code to download APP

Life label printing little expert



More products

Receipt printer series

High speed printing with low lag, new goods tools

Model	MN581	AN581	AN582	AN801	AN802	AN803	AN804
Picture							
Printing method	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing	Direct thermal printing
Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi
Printing speed	80mm/s(MAX)	65mm/s(MAX)	120mm/s(MAX)	200mm/s(MAX)	300mm/s(MAX)	150mm/s(MAX)	200mm/s(MAX)
Printing width	48mm	48mm	48mm	72mm	72mm	80mm	72mm
Label width	57±0.5mm	58mm	57±0.5mm	79.5±0.5mm	79.5±0.5mm	84mm	79.5±0.5mm
Printer lifespan	30km(warranty) 50km(lifespan)	30km(warranty) 50km(lifespan)	30km(warranty) 50km(lifespan)	150km	150km	30km(warranty) 50km(lifespan)	150km
Weight	199g	375g	750g	840g	1000g	935g	935g
Dimension	119.3*8.5*47mm	110*146*109mm	143*110*110mm	130.2*167*131.5mm	140*178*130mm	141*175*138mm	139*180*135mm

PDA Data Collector

Cargo inventory, information collection

Model	Q68	Q69	Q70	R68	R69
Picture					
Operation system	Android 9	Android 12	Android 11	Android 9	Android 12
Processor	4 cores, basic frequency 2.0GHZ	8 cores, basic frequency 2.0GHZ	8 cores, basic frequency 2.0GHZ	8 cores, basic frequency 2.0GHZ	8 cores, 12nm
Storage	RAM:2GB Flash:16GB	RAM:3GB Flash:32GB	RAM:4GB Flash:64GB	RAM:4GB Flash:64GB	RAM:4GB Flash:64GB
Display	4 inches, resolution 800*480, visible in sunlight	4 inches, IPS, resolution 800*480, visible in sunlight	4 inches, resolution 800*480	5-inch, HD1280*720, sunlight-visible GFF capacitive screen	5.7 inches, IPS, resolution 720*1440
Battery capacity	4000mAh	5100mAh	5000mAh	4000mAh	4000mAh
Protection level	IP65 1.5m drop resistance	IP67 1.8m drop resistance	/	IP65/IP67 1.2m drop resistance	/
Interface	USB 2.0, Type-C charging/data	USB 2.0, Type-C charging/data	USB 2.0, Type-C charging/data	USB 2.0, Type-C charging/data	USB 2.0, Type-C charging/data
Weight	269g	274g	240g	226g	260g
Dimension	160*71*17mm	166*71*17mm	162*18.75*23.22mm	158*76.2*12.6mm	162.5*77.5*14.5mm

Scanner

Lightweight and easy to use, efficient decoding

Model	H10	H11	H12
Picture			
Scanning method	Manual mode, induction mode, continuous mode	Induction mode, continuous mode	button trigger
Code reading accuracy	1D code ≥5mil 2D code ≥10mil	1D code ≥7.5mil 2D code ≥12.5mil	≥3mil
Interface	/	/	Supports USB HID-KBW and Bluetooth wireless
Weight	348g	185g	45g

Scanner

High-speed chip, faster decoding

Model	S11	S12	S13	S10	S14
Picture					
Bar code type	One-dimensional barcode	One-dimensional barcode	1D barcode 2D barcode	1D barcode 2D barcode	1D barcode 2D barcode
Scanning method	button trigger	button trigger	button trigger	button trigger	button trigger
Code reading accuracy	≥5mil	≥3mil	≥4mil	1D code ≥5mil 2D code ≥7mil	1D code ≥4mil 2D code ≥7mil
Weight	125g	175g	145g	182g	190g

AiYin

Xiamen AiYin Technology Co., Ltd.

Xiamen AiYin Technology Co., Ltd. a potential enterprise for smart label printers in China. And it is a service provider of digital label management solutions.

Company core brand-AiYin
Global Smart Label Printing Rookie Brand

National high-tech enterprise
AAA credit enterprise
Electronic waybill printer industry standard drafting unit

100⁺ people
R&D Team

30000⁺ m²
Research and production base

150⁺ item
Invention patent



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