



Sunshulian Technology (Shenzhen) Co., Ltd.

AI TOYS SUPPLIER · Custom AI Hardware ODM & OEM

PRODUCT DOSSIER · WB-ST100

WonderBear AI TV Stick

Plug it into HDMI and the TV you already own becomes an AI TV that tells stories



Model WB-ST100 · Direct HDMI · 1080P output / 4K playback

Channel product dossier · 2026

WHAT IT IS

Not one more TV box – it turns **the TV a family already owns into an AI TV for kids**

Same system as the WonderBear AI projector: voice storytelling, kids co-creating picture books, a bilingual library, early literacy and science lessons. The only difference is that there is no projection module – it uses the screen in the living room.

HOW IT WORKS

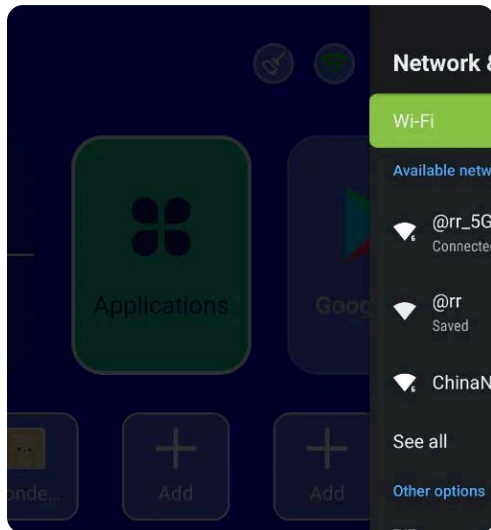
Three steps to turn an old TV into an AI TV



STEP 01

Plug into HDMI

Type-C power, from the TV's USB port or an adapter.



STEP 02

Join the home Wi-Fi

One pass with the remote, done in a minute. No app to install.



STEP 03

Hold to talk, and it starts

The child says one sentence and the story appears on the TV.

WHY A STICK

No new TV required – the one at home is enough

ECOSYSTEM

Google services supported

Existing Google subscriptions keep working. The AI is added on top.

REACH

Every home has a TV

No need to explain why a projector is worth buying. Plug in and go.

LOGISTICS

Palm-sized, ships flat

Light enough that cross-border freight and warehousing stay cheap.

PICTURE

A big screen is a good screen

It borrows the TV's own brightness and color – clear in daylight.

Shares the content library and activation-code system with the WB-PJ200 projector – the entry model of the same product line.

SPECIFICATIONS

Hardware specifications

Form factor	Direct-plug HDMI TV stick	Wireless	Wi-Fi 6 dual-band 2.4G / 5G + BT 5.4
OS	Android 14	Remote	Bluetooth voice remote
Memory	2GB RAM + 8GB ROM	Audio	Built-in speaker · HDMI audio out
Output resolution	1080P (1920 × 1080)	Casting	Built-in iOS & Android mirroring
Video playback	4K source decoding supported	Power	Type-C 5V · TV USB port is enough
Ports	HDMI out · Type-C power · USB	Ecosystem	Google service subscriptions supported
		Compatibility	Any TV or monitor with HDMI

CERTIFICATION

CE

FCC

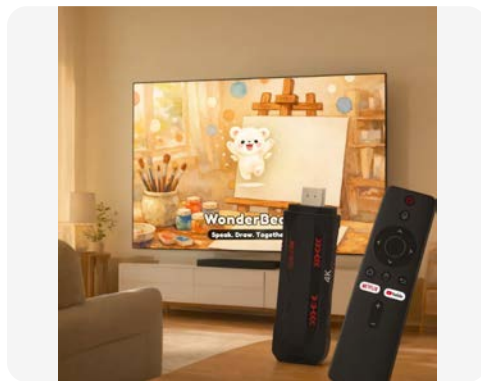
UL

UKCA

2-year warranty

Design and packaging

Stick + Bluetooth voice remote + Type-C cable | Retail box



WHAT IT DOES

Five things it does the moment it is plugged in

01

AI voice storytelling

75 languages
supported, 33 live. Free
forever.

02

Kids co-create AI picture books

One conversation
makes one book. 1 book
included per unit.

03

Bilingual book library

Read aloud in Chinese
and English – one
book, two languages.

04

Early literacy

15 languages, picture-
to-word. Free forever.

05

Online science class

It answers, then keeps
going – curiosity gets
caught.

FEATURE 01

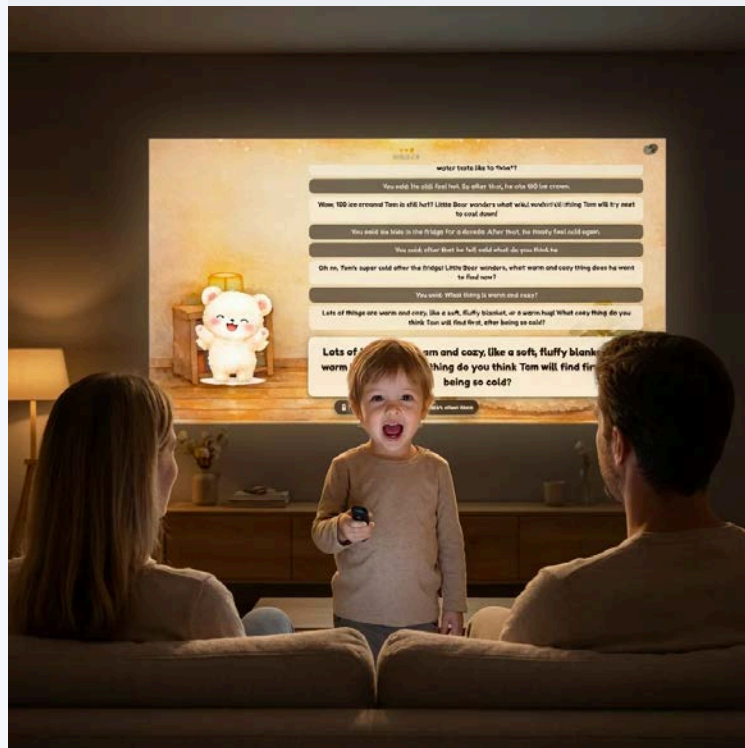
AI voice storytelling, free forever

Press the remote and speak. No typing, no phone.
Whatever the child asks for is what plays on the TV.

75 languages supported, 33 already live

Bluetooth voice remote, one-press wake

No subscription gate – works out of the box



FEATURE 02

A child says one idea, it becomes a picture book

1 free generation included per unit
top up with credits or scratch cards



STEP 01

Say the idea

"I want to fly a kite." The AI asks for detail; the child fills in the story.



STEP 02

Generated on the spot

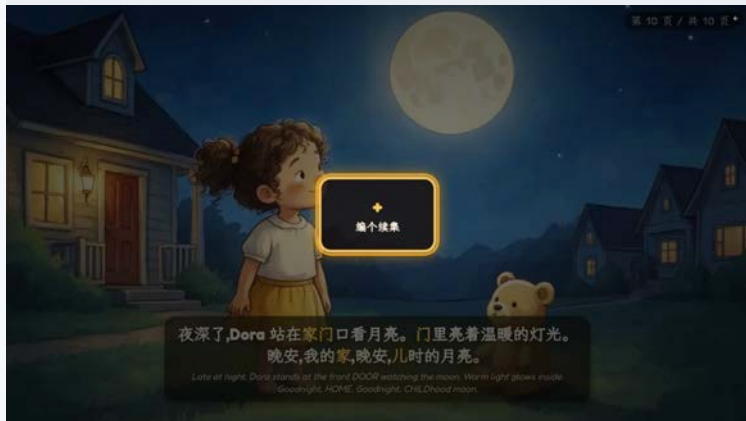
Art, text and narration together, while the child waits and watches.



STEP 03

Read it on the big screen

The story stays on the shelf and can be told again tomorrow.



FEATURE 03

Bilingual book library

The same book, read aloud in Chinese and in English. Parents switch the language; the child hears it a different way.

CN & EN narration

Graded by age

Updated continuously

Generated books land on the same shelf

PRINT IT FOR REAL

The best one gets printed as a real book

Pick the best of the books a child has created and order it in print – a real book they can hold, keep or give away. An achievement on the screen becomes a keepsake on the shelf.

Parents choose and order in the app – hardcover or softcover

The child's name on the cover – a birthday or holiday gift

Channels can fulfil printing locally, or we print and ship



Early literacy · 15 languages, free forever



Picture to word

Image, word and pronunciation together – no reading required to play.

Bear Class

Words, phonics and short quizzes, with feedback at the end.

Local languages can be added

We add the languages your market needs on request.

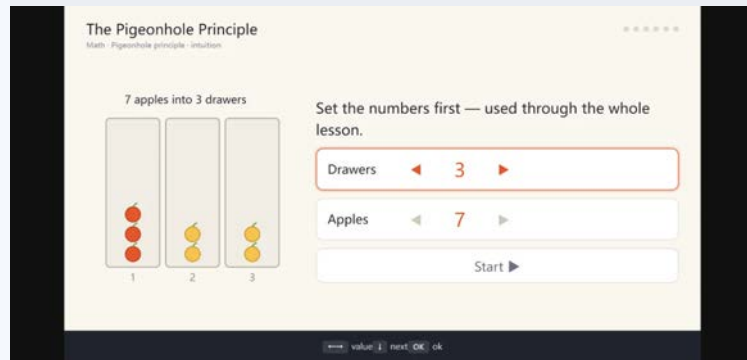
FEATURE 05

Online science class

A child asks "what is 3 plus 5" and it does more than answer — it can teach a short lesson on numbers. Curiosity gets met, so the device does not end up unplugged in a drawer.

Ask any time; follow-up questions keep the thread

Lessons update online — no hardware change needed



WI-FI 6 · SCREEN MIRRORING

Wi-Fi 6 casting — no buffering, no dropped frames

Dual-band Wi-Fi 6, 1800Mbps peak. Phone, tablet, laptop or handheld console goes straight to the big screen, all wireless.

Wi-Fi 6		1800 Mbps
5 GHz		1200 Mbps
2.4 GHz		500 Mbps

iOS and Android mirroring protocols built in — no extra app.

Seamless Screen Mirroring

Wi-Fi 6 brings ultra-smooth, lag-free wireless casting — no buffering, no cable



After bedtime, it is still a good streaming box

Android 14
all the major streaming apps
install



4K hardware decoding

Major formats decoded in hardware; high-bitrate sources stay smooth, output at 1080P.

Streaming app ecosystem

Netflix

YouTube

Prime Video

Disney+

Apps and subscriptions configured per target market – existing memberships keep working.

Kids mode, one press in and out

A family screen by day, the child's story time at night.

BUSINESS MODEL

Hardware is the entry point, content is the repeat purchase

ONE-OFF

Hardware sales

MOQ 1,000 pcs, 30-day lead time, FOB Shenzhen, retail box. Every unit includes 1 free book generation.

RECURRING · DIGITAL

Book generation credits

We generate activation codes in bulk and hand them over. You load them into your own platform, distribute them and set your own retail price – no involvement from us after delivery.

RECURRING · PHYSICAL

Book scratch cards

1 card = 10 books. Consumers buy the card in store, scratch and self-activate. Printing and production included.

The stick and the projector share one credit and scratch-card system – the channel maintains a single content back office.

What you can change on this stick

HARDWARE & PACKAGING

Housing colour and silk-screen print

Retail box structure and all printed matter

Remote key layout and printing

Manuals and local-language compliance labels

SOFTWARE & CONTENT

Boot identity, IP character and voice

UI languages and content library mix

Pre-installed apps and home layout

Activation codes wired into your platform

Production MOQ 1,000 pcs; samples in as little as 72 hours. Scope of customisation is agreed with order volume.

TERMS & DELIVERY

Terms and compliance

MOQ

1,000

pcs minimum

LEAD TIME

30 days

mass production

TRADE TERMS

FOB Shenzhen

retail box packing

WARRANTY

2 years

whole unit

PAYMENT

50% deposit, 50% before shipment

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NEXT STEP

A sample first, or a quote first?

Tell us your target market and expected volume and we will send the matching quotation and customisation plan. Samples are in stock — order one at sample price to try.

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