



Established in the year of 2015,
THINKRIDER is the one the most pioneering team to develop smart cycling trainer and software.

THINKRIDER

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THINK
BIDEV

CATALOG



The brand of THINKRIDER is established in 2015, specialized in designing and manufacturing cost-effective smart cycling trainer and accessories in the market. Except for continuous expanding product range, we are also focusing on the quality and details with a deep impression and durability.

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Thinkrider cycling bike computer



THINKRIDER X7 SMART TRAINER

New generation of X7 persists the classic and steady shape and the unique skills of swaying without frame damage, which also achieves overall upgrade of functional performance as well as software upgrade, and the reliability and practicability are greatly improved.

FEATURES

- Unique “Y” shape, realistic riding feeling, reduce hard damage to the carbon fibre frame, the elastic steel base + adjustable supporting feet perfectly simulates the $\pm 5^\circ$ swaying range.
- New real-time temperature control upgraded algorithm, an automatic temperature compensation function, accurate power can be up to $\pm 2\%$, which mean it has stepped into the high-end intelligent riding platform with a power accuracy error within 2%.
- Upgraded Bluetooth, ANT+ dual protocol wireless signal, and also support FE-C protocol and compatible with most mainstream apps and ANT+ protocol supported GPS bike computers.
- Optimized Target Power algorithm, which made it applicable of efficient power training for professional riders.
- Calibration software provided for improving power accuracy, meanwhile, it also supports Bluetooth firmware upgrade and algorithm upgrade.

SPECIFICATIONS

Damping type: electromagnetic coil

Max. Slope: 16%

Max. power: 2500W

Power Accuracy: $\pm 2\%$

Power calibration: Calibration, automatic temperature compensation

Folded size: 410*250*480mm

Expansion size: 410*250*850mm

Transmission mode: Rubber octagon multi-wedge belt

Power supply: 100-240V ~1.5A 50-60Hz

Wireless signal: ANT+, Bluetooth

Weight: 22kg

Inertia flywheel weight: 5.7kg

Cassette: Shimano/SRAM 8/9/10/11 speed cassette

Noise level: 58db(@1.0m&30KPH)

Compatibility: Quick release 130/135mm, thru axle 12*142/148 (optional)

Wheel size: 24" RD/ 24" MTB/ 650c RD/ 26" MTB/ 700c RD/ 650b MTB/ 29" MTB

STANDARD CONFIGURATION:

Power adapter, ANT+, 8-10 speed flywheel washer, quick release, quick release adapter, manual.

COMPATIBLE SYSTEM:



Support iPhone systems above iOS8, and support Bluetooth
Support Android systems above 4.3, and support Bluetooth
MAC OS requires an ANT+
PC systems above Window 7, and requires an ANT+

COMPATIBLE PROTOCOL:



COMPATIBLE APP:





THINKRIDER X5 NEO SMART TRAINER

It is designed by Italian BUTTLSTILE Design Company, with the concepts of FREE, SIMPLE and NATRURAL. Make your riding more comfortable and happier, make it more on your own!

FEATURES

- Innovative “Seal flippers” supporting base.
- Not only can swing left and right, but also realize up and down vibration buffering, simulate the elasticity of pneumatic tire, and relieve the pressure of knee ligament of rider.
- With DETP, high reliability, power accuracy within $\pm 2\%$;
15% stimulate slope, 2 seconds resistance quick switching, automatic belt tension technology, automatic calibration, LED power light, performance ranks among the world's first-class cycling platforms.
- Support software for calibration, support Bluetooth firmware upgrade and algorithm upgrade.

SPECIFICATIONS

Damping type: electromagnetic damping

Max. Slope: 15%

Max. power: 2000W

Power Accuracy: $\pm 2\%$

Drive mode: sprocket direct drive

Power supply: 100-240V ~1.5A 50-60Hz

Wireless signal: ANT+, Bluetooth

Weight: 22kg

Cassette: Shimano/SRAM 8/9/10/11 speed cassette

Noise level: 62db(@1.0m&30KPH)

Compatibility: Quick release 130/135mm, thru axle 12*142 (optional)

Wheel size: 24" RD/ 24" MTB/ 650c RD/ 26" MTB/ 700c RD/ 650b MTB/ 29" MTB

STANDARD CONFIGURATION:

Power adapter, 8-10 speed flywheel washer, quick release, quick release adapter, front wheel block, manual.

COMPATIBLE SYSTEM:



Support iPhone systems above IOS8, and support Bluetooth

Support Android systems above 4.3, and support Bluetooth

MAC OS requires an ANT+

PC systems above Window 7, and requires an ANT+

COMPATIBLE PROTOCOL:



COMPATIBLE APP:



Rouvy Mobile Sufferfest ERCVIDEO



THINKRIDER A1 POWER TRAINER

New generation of fixed resistance power trainer, without power cord, portable and easy installation for home training and warm-up training.

FEATURES

- Steel triangle structure, "A" shape, more stable, compact, and portable, direct drive without power cord.
- Performance improved, cadence optimization, and maintenance free.
- Small and portable, removable feet and easy for storage.
- Sprocket direct drive, improved mute level, and wireless and convenient carrying.

SPECIFICATIONS

Stimulated slope: fixed 3%

Power Accuracy: $\pm 3\%$

Drive mode: sprocket direct drive

Power supply: CR2032 BUTTON BATTERY*1

Wireless signal: ANT+, Bluetooth,

Weight: 15kg

Cassette: Shimano/SRAM 8/9/10/11 speed cassette

Noise level: 58db(@1.0m&30KPH)

Compatibility: Quick release 130/135mm, thru axle 12*142 (optional)

Wheel size: 24" RD/ 24" MTB/ 650c RD/ 26" MTB/ 700c RD/ 650b MTB/ 29" MTB

STANDARD CONFIGURATION:

8-10 speed flywheel washer, quick release, quick release adapter, battery compartment paddle, manual.

COMPATIBLE SYSTEM:



Support iPhone systems above iOS8, and support Bluetooth
Support Android systems above 4.3, and support Bluetooth
MAC OS requires an ANT+
PC systems above Window 7, and requires an ANT+

COMPATIBLE PROTOCOL:



COMPATIBLE APP:





THINKRIDER X3 SMART TRAINER

New generation of X3 smart trainer, overall upgraded performance and software, with wheel-on design, it brings convenience for installation.

FEATURES

- Inspired by snail design with stability.
- Adjustable resistance, after connecting the software, the resistance of the riding trainer can be adjusted automatically according to the route information in the software.
- Upgrade Bluetooth, ANT+ dual signal protocol, support FE-C protocol, and compatible with most mainstream App, and compatible with bike computer with ANT+ protocol.
- Mute motor design, when using, except for tire friction, the riding trainer itself basically does not make a sound, which maximizes the use experience.

SPECIFICATIONS

Damping type: Electromotive reluctance

Stimulated slope: 0-10%

Output Power: 0-1000W

Power Accuracy: $\pm 5\%$

Expansion size: 650*600*480mm

Drive mode: Wheel-on drive

Power supply: 100-240V~1.5A 50-60Hz

Wireless signal: ANT+, Bluetooth

Weight: 11kg

Inertia flywheel weight: 1kg

Noise level: There are differences between different tread patterns

Compatibility: Quick release 130/135mm

Wheel size: 24" RD/ 24" MTB/ 650c RD/ 26" MTB/ 700c RD/ 650b MTB/ 29" MTB

STANDARD CONFIGURATION:

Power adapter, ANT+ quick release, front wheel block, manual.

COMPATIBLE SYSTEM:



Support iPhone systems above IOS8, and support Bluetooth

Support Android systems above 4.3, and support Bluetooth

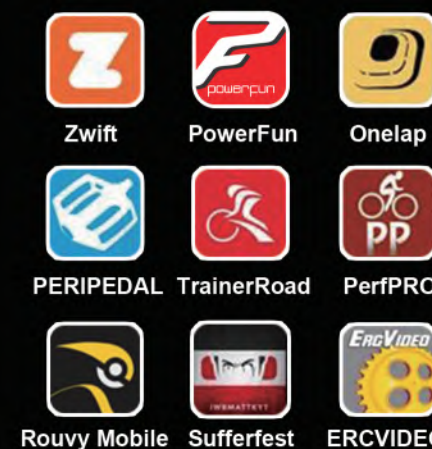
MAC OS requires an ANT+

PC systems above Window 7, and requires an ANT+

COMPATIBLE PROTOCOL:



COMPATIBLE APP:





THINKRIDER H7 SMART TRAINER

New generation of H7 smart trainer is with the design of swinging back and forth, restore a natural riding experience.

FEATURES

- Unique "H" shape, with swing back and forth, stimulates an outdoor riding feeling.
- New real-time temperature control upgraded algorithm, an automatic temperature compensation function, accurate power can be up to $\pm 2\%$, which mean it has stepped into the high-end intelligent riding platform with a power accuracy error within 2%.
- Upgraded Bluetooth, ANT+ dual protocol wireless signal, and also support FE-C protocol and compatible with most mainstream apps and ANT+ protocol supported GPS bike computers.
- Optimized Target Power algorithm, which made it applicable of efficient power training for professional riders.
- Calibration software provided for improving power accuracy, meanwhile, it also supports Bluetooth firmware upgrade and algorithm upgrade.

SPECIFICATIONS

Damping type: electromagnetic coil

Max. Slope: 16%

Max. power: 2500W

Power Accuracy: $\pm 2\%$

Power calibration: Calibration, automatic temperature compensation

Folded size: 410*250*480mm

Expansion size: 410*250*850mm

Transmission mode: Rubber octagon multi-wedge belt

Power supply: 100-240V ~1.5A 50-60Hz

Wireless signal: ANT+, Bluetooth

Weight: 22kg

Inertia flywheel weight: 5.7kg

Cassette: Shimano/SRAM 8/9/10/11 speed cassette

Noise level: 58db(@1.0m&30KPH)

Compatibility: Quick release 130/135mm, thru axle 12*142/148 (optional)

Wheel size: 24" RD/ 24" MTB/ 650c RD/ 26" MTB/ 700c RD/ 650b MTB/ 29" MTB

STANDARD CONFIGURATION:

Power adapter, ANT+, 8-10 speed flywheel washer, quick release, quick release adapter, manual.

COMPATIBLE SYSTEM:



Support iPhone systems above iOS8, and support Bluetooth
Support Android systems above 4.3, and support Bluetooth
MAC OS requires an ANT+
PC systems above Window 7, and requires an ANT+

COMPATIBLE PROTOCOL:



COMPATIBLE APP:



Rouvy Mobile Sufferfest ERCVIDEO



COMPATIBILITY

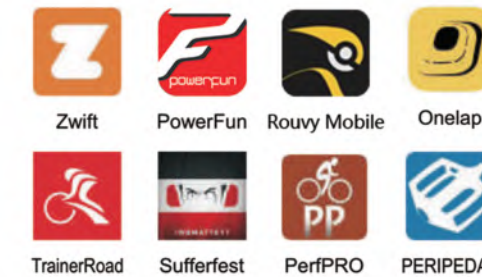
THINKRIDER SMART TRAINERS can provide the maximum range of compatibility and connectivity, compatible with or connected to mobile phones, laptops or GPS cycling computer.



COMPATIBLE DEVICES



COMPATIBLE APP



USABLE PLATFORMS



WIRELESS TECHNOLOGIES

WHICH ONE SUITS YOU?

Type	X7	H7	X5 NEO	X3	A1
Structure	Y-Shape	H-Steel Shape	Steel structure	Folding structure	Steel triangle structure
Damping Type	Electromagnetic damping	Electromagnetic damping	Electromagnetic damping	Electromotive reluctance	Permanent magnetic
Power Accuracy	±2%	±2%	±2%	±5%	±3%
Max. Power	2500W	2500W	2000W	1000W	1200W
Stimulated Slope	16%	16%	15%	10%	3%
Packaging Size	580*570*350mm	665*615*265mm	560*560*240mm	670*410*400mm	520*460*200mm
Net Weight	22Kg	22Kg	22Kg	11Kg	15Kg
Wireless Connection	ANT+, Bluetooth 4.0	ANT+, Bluetooth 4.0	ANT+, Bluetooth 4.0	ANT+, Bluetooth 4.0	ANT+, Bluetooth 4.0
Device Platform	IOS/Android/Windows	IOS/Android/Windows	IOS/Android/Windows	IOS/Android/Windows	IOS/Android/Windows
Firmware Update	IOS, Android	IOS, Android	IOS, Android	IOS, Android	-
Drive Mode	Direct drive	Direct drive	Direct drive	Wheel-on	Direct drive
Noise Level	58分贝	58分贝	62分贝	65分贝	58分贝
Belt	Rubber octagon multi-wedge belt	Rubber octagon multi-wedge belt	Rubber octagon multi-wedge belt	-	Rubber octagon multi-wedge belt
Power Supply	50-60Hz 100-240V~1.5A	50-60Hz 100-240V~1.5A	50-60Hz 100-240V~1.5A	50-60Hz 100-240V~1.5A	CR2032 button battery
Compatible	Quick release(standard), thru axle(optional)	Quick release(standard), thru axle(optional)	Quick release(standard), thru axle(optional)	Quick release(standard)	Quick release(standard), thru axle(optional)
Rear axle	Quick release 130/135mm Thru axle 142/148mm	Quick release 130/135mm Thru axle 142/148mm	Quick release 130/135mm Thru axle 142/148mm	130mm、135mm	Quick release 130/135mm Thru axle 142/148mm
Cassette	SHIMANO/SRAM 8-11 Speed; (XD/XDR 12 speed and CP freehub is optional.)	SHIMANO/SRAM 8-11 Speed; (XD/XDR 12 speed and CP freehub is optional.)	SHIMANO/SRAM 8-11 Speed; (XD/XDR 12 speed and CP freehub is optional.)	quick release type	SHIMANO/SRAM 8-11 Speed; (XD/XDR 12 speed and CP freehub is optional.)
Device Features	The fram swings ±5°, stimulates outdoor cycling feeling	The frame swings back and forth, stimulates actual riding felling	The frame vibrates up and down from left to right to simulate the elastic damping of tires	It is versatile and easy to carry	No need to plug in, easy to use and convenient.



Thinkrider Rocker board (Second/third floor)

Materials: Multi-layer solid wooden boards, PU Leather, Banana damping block, PV Bouncy Ball

Package Size: 169*94*12cm (Two-layer rocker board)
169*94*12cm (Three layers rocker board)

Compatible riding trainer: Tacx NEO, Tacx NEO2, Tacx Flux, Wahoo Kickr, Thinkrider X3Pro, Thinkrider X7Pro

Product Accessories: Reverse buckle Velcro straps *5, Horizontal ruler *1, Bouncy Ball *3, Rubber damping block *5, Mini inflator + air needle *1, Screws *10



Thinkrider Riding Tables

The cycling training table is used while cycling to improve efficiency. It can even be used as a freestanding desk.

Height adjustment range: 87-127cm
Package size: 100*9*78cm
Package weight: 18kg





THINKRIDER CASSETTE

11 Speed cassettes, easy for installation and clean
Specification: 11 - 12 - 13 - 14 -15 - 17 - 19 - 21 - 23 - 25 - 28t
Material: Steel
Color: Silver
Weight: Approx. 307g



THINKRIDER ENHANCED ANT+ RECEIVER

Enhanced ANT+ receiver, the receiving distance is more than doubled,
and the signal switching rate is reduced
Color: Black
Usage: Plug the receiver into USB port of the PC
Function: Receive ANT+ wireless signal, and converts to USB protocol for computer software
Transmission distance: 0.5m
Wireless protocol: 2.4GHZ ANT+ wireless signal protocol
Numbers of Channels: 8



THINKRIDER FLOORMAT

Thinkrider floormat for cycling trainers, clean, antiskid, safe, noise reduction
Size: 198*91cm
Thickness: 6mm
Material: 6P Free environmentally friendly material, waterproof



THINKRIDER SPEED & CADENCE SENSOR

Support ANT+ and Bluetooth dual protocols, compatible with devices and
Apps which are with ANT+ or Bluetooth protocol
Size: 9.5mm*295mm*380mm
Weight: 9.2g
Battery: 220mAh Cr2032
Waterproof level: IP67
Applicable to: Garmin/Wahoo/Zwift/Tacx/Bryton etc.



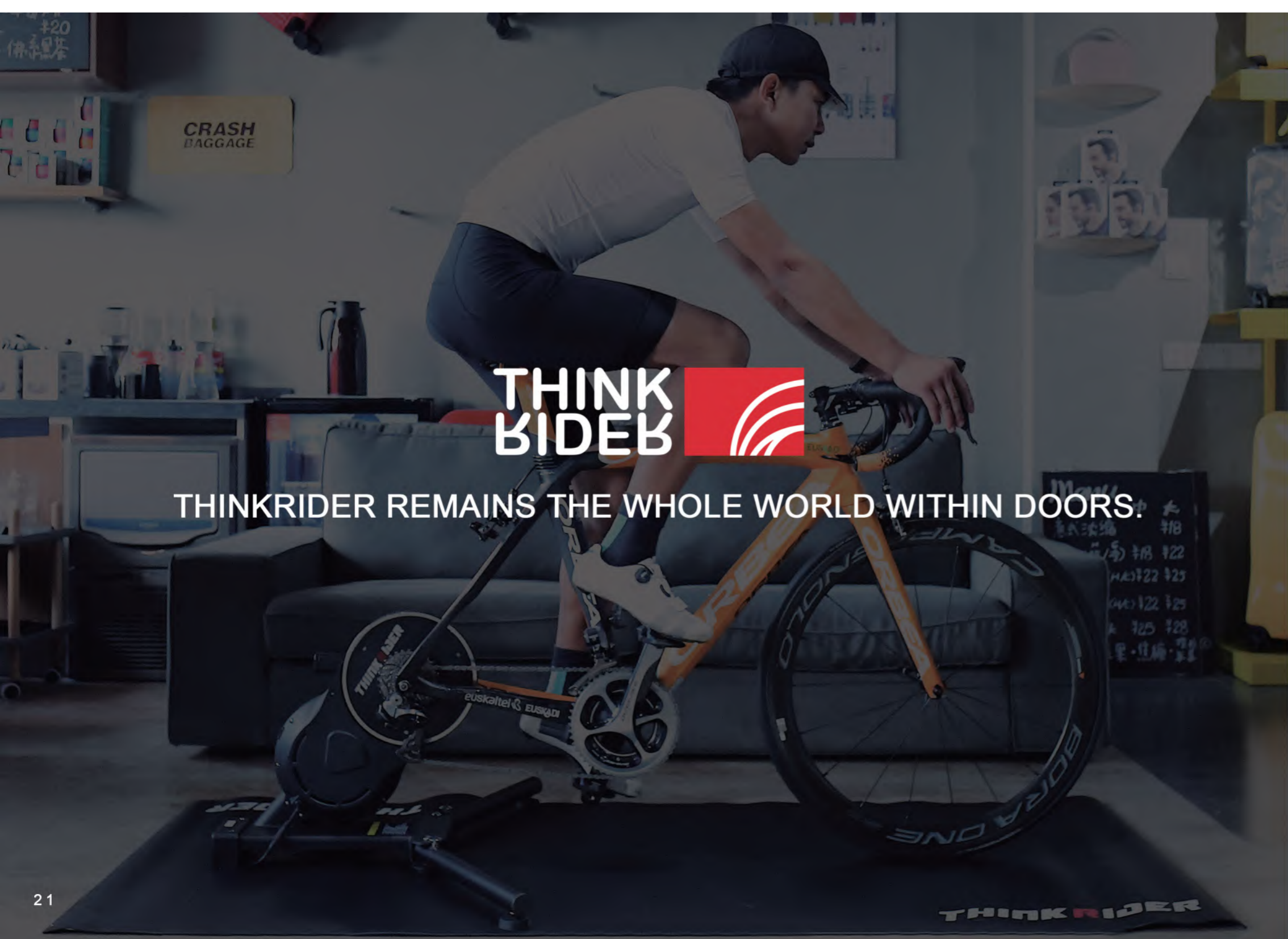
THINKRIDER HEART RATE MONITOR(ARMBAND/CHEST)

Support ANT+ and Bluetooth dual protocols, compatible with devices and
Apps which are with ANT+ or watch, etc.
Heart rate range
Communications technology
Waterproof level
Working temperature
Communications method: Bluetooth



THINKRIDER SWEAT BAND

When using the cycling trainer, the rider will sweat a lot, and the perspiration has a corrosive
effect. If the perspiration drops on the frame or handlebar and is not cleaned in time,
it is easy to rust and corrode, reducing the service life of the vehicle.



THINKRIDER REMAINS THE WHOLE WORLD WITHIN DOORS.



THINKRIDER BC200 GPS CYCLING COMPUTER

GPS smart bike computer is for high performance, support 88 kinds of movement data.

- Screen Size: 2.4 inch
- Battery life: 36 hours
- Dimension: 80*60*20mm
- Waterproof level: IP67

COMPATIBILITY



CONNECTION



MAIN FUNCTIONS

