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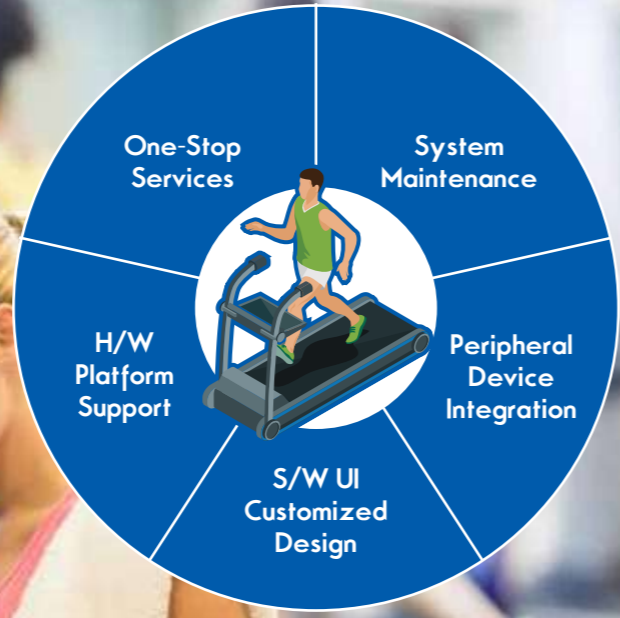
Smart Fitness Solution

Exercise immersed in health, happiness and life.



avalue
Technology Inc.

Services



One-Stop Services

we provide customers with a one-stop service from product specification, design, production, inspection, manufacturing, assembly, shipment to maintenance. Dedicate to customer's success is our goal.



H/W Platform Support

we can provide customers with embedded products from High-end-Home, light commercial to commercial grade, to meet any needs of customers in the market.



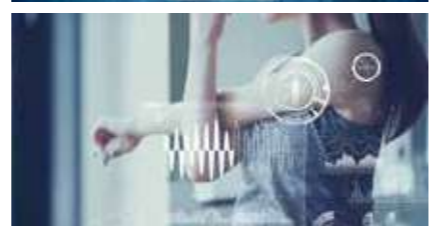
S/W UI Customized Design

we can follow client's flowchart of UI for S/W customization design and fine-tune the user experience and flow for usability.



Peripheral Device Integration

we can provide customers with high-quality and stable products by integrating various module devices and related technologies.



System Maintenance

We can provide customers with BSP and API to develop their own UI software, or maintain by the Avale team to provide overall software update support services.



System Integration



Cloud Connection

As more product applications and resources are moved to the cloud, performance and security are becoming more and more important to ensure a good user experience and protect your and customer data. Cloud connection services are the answer. Connect directly to key cloud service providers, including AWS, Microsoft Azure or others. At any time, you can expect a dedicated connection with consistent performance in various applications that meets high-security data protection.

Workout Program

A variety of standard UI designs can correspond to seven different aerobic exercise equipment applications, and provide dozens of different exercise programs, and can also be customized to meet customer needs.

Motor & Generator System

Whether it is a DC \ AC \ BLDC motor or an ECB system, a stable set of embedded systems is essential for driving the motor speed or adjusting the resistance level.

Remote Update & Auto Testing Diagnostic

Use the checking procedure by Internet to support remote diagnosis to ensure that the complete functionality meets the quality requirements.

Entertainment IoT Application

Providing exercisers with the personalized, goal-focused fitness and media experience they are looking for, helps customer to enhance products such as exercise training program, social media, and IoT connection in an easily upgradation way to make fitness fun.





Smart Fitness Solution

Avalue focus on smart fitness consoles with embedded TFT-LCD display. Headquarter in Taipei. since 2000, it boasts a comprehensive team with skills than all aspects of embedded system and fitness equipment. The extensive experience of Avalue in these areas enable it to provide comprehensive, value-add of commercial grade product customization, and time-to-market.



Gym counter

VNS-15W01 15.6" Ultra Slim Panel PC

- Fan-less Design
- Plastic Chassis
- Intel Atom x5-Z8350
- 2GB RAM, 32GB eMMC
- WLAN 802.11 b/g/n & BT 4.0
- +12V ~ +24V DC power input
- Windows 10 IoT & Android 5.1
- Touch button (Power/ Brightness/ Volume/ LED)



Equipment classroom

CCD-10W02 10.1" Cloud Computing Display Panel PC

- Fan-less Design
- Plastic Chassis
- MediaTek i350
- 2GB RAM, 16GB eMMC
- WLAN 802.11 a/b/g/n/ac & BT 5.0
- +12V DC power input
- Android 10



Bicycle machine

OFR-10WR2 10.1" Open frame Rehabilitation Panel PC

- Commercial Grade Fitness
- Fan-less Design
- Rockchip RK3399
- 2GB RAM/ 16GB eMMC
- Gigabit LAN & WLAN 802.11 a/b/g/n/ac & BT 4.1 BLE
- DC 12V power input
- Android 8.1



Treadmill

OFR-15WR2 15.6" Open frame Rehabilitation Panel PC

- Commercial Grade Fitness
- Fan-less Design
- Rockchip RK3399
- 2GB RAM/ 16GB eMMC
- Gigabit LAN & WLAN 802.11 a/b/g/n/ac & BT 4.1 BLE
- DC 12V power input
- Android 8.1



Rehabilitation machine

OFR-21WR2 21.5" Open frame Rehabilitation Panel PC

- Commercial Grade Fitness
- Fan-less Design
- Rockchip RK3399
- 2GB RAM/ 16GB eMMC
- Gigabit LAN & WLAN 802.11 a/b/g/n/ac & BT 4.1 BLE
- DC 12V power input
- Android 8.1





	Grade Fitness		Smart Display		Smart Display	
Model Number	OFR-10/15/21WR2 Series	OFR-07/10/23WR3 Series	CCD-07/10W01 Series	CCD-07/10W02 Series	VNS-10/15W01 Series	VNS-10/15W02 Series
Processor	Rockchip RK3399	MediaTek i350	Intel® ATOM Z3735	MediaTek i350	Intel® Atom x5-Z8350	MediaTek i350
Memory/eMMC	2GB RAM, 16GB eMMC	2GB RAM, 16GB eMMC	2GB RAM, 32GB eMMC	2GB RAM, 16GB eMMC	2GB RAM, 32GB eMMC/ Option: 4GB RAM, 64GB eMMC	2GB RAM, 16GB eMMC
Product Size	10.1/15.6"/21.5"	7"/10.1"/23.8"	7"/10.1"	7"/10.1"	10.1"/15.6"	7"/10.1"
Touch Type	PCAP Touch	PCAP Touch	PCAP Touch	PCAP Touch	PCAP Touch	PCAP Touch
LCD Size Resolution	10.1" 1280 x 800 15.6" 1920 x 1080 21.5" 1920 x 1080	7" 800 x 600 10.1" 1280 x 800 23.8" 1920 x 1080	7" 1024 x 600 10.1" 1280 x 800	7" 800 x 1280 10.1" 800 x 1280	10.1" 1280 x 800 15.6" 1920 x 1080	10.1" 1280 x 800 15.6" 1920 x 1080
I/O/ Camera/ Microphone	Gigabit LAN, HDMI in x2/ out x1, etc.	LAN 10/100/Mbps RJ45, HDMI in x1, etc.	2MP camera build-in/ Microphone build-in	2MP camera build-in/ Microphone build-in	2MP camera build-in/ Microphone build-in	2MP camera build-in/ Microphone build-in
Wireless	WLAN 802.11 a/b/g/n/ac & BT 4.1 BLE	WLAN 802.11 a/b/g/n/ac & BT 5.0	WLAN 802.11 b/g/n & BT 4.0	WLAN 802.11 a/b/g/n/ac & BT 5.0	WLAN 802.11 b/g/n & BT 4.0	WLAN 802.11 a/b/g/n/ac & BT 5.0
Power Input	+12V DC in	+12V DC in	+12V ~ +24V DC in	+12V DC in	+12V ~ +24V DC in	+12V DC in
Working Temp.	0°C ~ +40°C	0°C ~ +40°C	0°C ~ +40°C	0°C ~ +40°C	0°C ~ +40°C	0°C ~ +40°C
OS Support	Android 8.1	Android 10	Windows 10 32 bit Android 64 bit Linux 64 bit	Android 10	Windows 10 IoT Android 5.1	Android 10



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