

2025

Automotive Electronics



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Company Profile

❖ About Us

Being a high-tech company, McValley technology Co., Ltd. was founded since 2017, it's committed to supply true quality and value-added service to global customers in automotive electronics industry, in parallel, we only do B2B business in OEM/ODM (whitelabel) mode, through ingenious design and precise manufacturing technology, we aim to deliver best possible quality hardware device to the market worldwide and make win-win cooperation with our clients.

Following the slogan "traveling light", to continuously improve the safety and joy in the cockpit, We're going to pay long-term effort on vehicle infotainment systems field for both consumer and commercial vehicle usage scenario.

It's non-stop journey for the pursuit of excellence for product and company management, and among all target aspects we've been striving for, such as passion for great design, innovative functionality, robustness, service efficiency, competitive pricing, timely shipment, top three things are most important and valuable that we perceive to customers, that's reliability, reliability and again reliability. Being working with anyone customer, providing reliable product, reliable service as well as conform with common collaboration rules reliably is always the foundation for our surviving, we will forever make our customer safe in the cooperation. Work with McValley, you're assured by security all the time.

❖ Manufacturing Base

Our manufacturing base is ISO9001 and BSCI certified, it's located in ShenZhen and HuiZhou, both are ISO certified, with more than 5000m² modern workshop and 50 well-training workers, through advanced production equipment and testing facility, as well as veteran quality control professionals, we're able to deliver highly efficient and reliable manufacturing service to perfectly meet customer's needs on quality and timely shipment.



◆ Product Solutions We Offer

For Cars

Offer integrated connected monitor system (portable wireless CarPlay monitor with dash camera) solutions to upgrade infotainment experience for cars.



For Caravan & Truck

Provide smart in-cab infotainment and safe-guard devices in the scenario of camping, off-road exploring, trucking and caravan traveling.



For Bike

Advanced connected monitor and camera system for bicycle and motorcycle, makes the riding tours more enjoyable and safe.



Accessories

Delivers wide-range of accessories which all features innovative& patented design and sophisticated crafted, enhance main device's performance and reliability.



Products

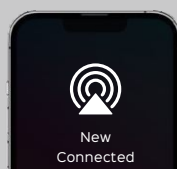
❖ Connected Monitor System(CMS)

Wireless connected monitor with dash cam



Built-in Full HD Front and Rear Cameras

Wireless Connection between your Smartphone and Car



Universal Portable Wireless Connected Monitor System



Voice Commands
Hands-free control of all App functions via Siri or Google assistant.

Easy&quick Installation
Firmly mount the device either on windshield screen or dashboard by dedicated mount, PLUG AND PLAY.

Online Map
Always Sync with mobile phone's updated map for deliver the best possible navigation experience.

Auto Dimming
Adjust display brightness automatically via inbuilt light-sensor to accommodate ambient light naturally.

Universal Smart Infotainment System
Significantly improve drive experience and safety, easy and simple operation.

Fast Connection
Your cell phone and device would be paired automatically and wirelessly as soon as vehicle is started.

Dash Camera(optional)
Up to dual channel high definition (1080P or Higher) and wide angle camera for recording all moments of trip.

High Brightness IPS LCD Screen
A full high definition display allows easy operation through intuitive HMI design.

Multiple Way For Audio Playing
Stream phone audio to car stereo speaker by FM transmitter, Bluetooth or AUX Cable with stereo sound quality.

Parking Assistance
It will trigger reversing image and guidelines instantly when reverse gear is activated.

Easy Touch
Fingertip control over all features through a capacitive high sensitive touch screen.

Handsfree Calls
Enable hands-free calling by Siri or Google assistant for enhancing drive safety and convenience.

Proprietary Software
Brand new designed architecture to make sure smooth GUI operation.



Apple CarPlay



Android Auto



HD IPS Screen



Touch Screen



Bluetooth



Magnetic



ISDB-T



FM Transmitter



AUX



GPS Antenna



Dual Channels
Dash Cam
(Optional)



Light Sensor
(Optional)



Patented &
Sophisticated
Design



Android



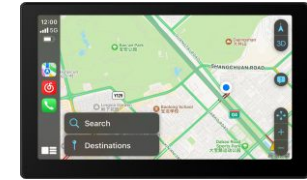
5.0" SCREEN 854*480



5.5" SCREEN 960*480



7.0" SCREEN 1024*600



9.0" SCREEN 1024*600



6.86" SCREEN 1280*480



8.0" SCREEN 1280*800



8.1" SCREEN 1600*600



9.3" SCREEN 1600*600

All are IPS, high brightness and capacitive touch.



● For Cars

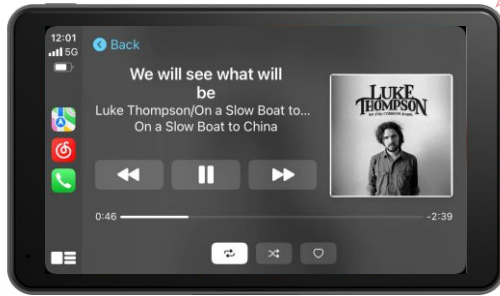


Design A Entry level, basic wireless monitor function

502A · 5.0"

709A · 7.0"

Built for on and off-road adventure ahead



5" IPS Screen
854*480



Touch
Screen



CarPlay



Android
Auto



Bluetooth



FM
Transmitter



AUX



Rear View
Cam FHD



7" IPS Screen
1280*800



Touch
Screen



CarPlay



Android
Auto



Bluetooth



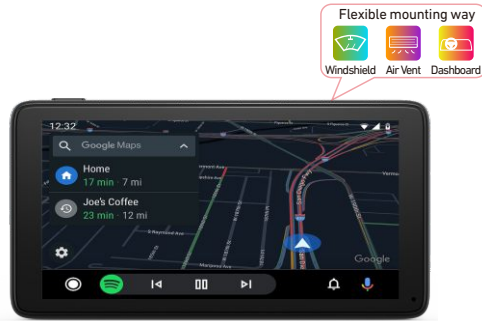
FM
Transmitter











AUX

Design B Wireless monitor with dash cam optional









550A · 5.5"



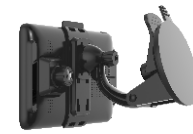
-  5.5" IPS Screen
960*480
-  Touch Screen
-  CarPlay
-  Android Auto
-  Bluetooth
-  FM Transmitter
-  AUX
-  Rear View Cam FHD











770A · 7.0"



-  7.0" IPS Screen
1024*600
-  Touch Screen
-  CarPlay
-  Android Auto
-  Bluetooth
-  FM Transmitter
-  AUX
-  Rear View Cam FHD

770 · 7.0"



-  7.0" IPS Screen
1024*600
-  Touch Screen
-  CarPlay
-  Android Auto
-  Bluetooth
-  FM Transmitter
-  AUX
-  Rear View Cam FHD
-  Dual Channels Dash Cam
-  Light Sensor (Optional)

Design D Wide screen with dash cam optional

603 · 6.86"



6.86" IPS
Wide Screen
1280*480



Touch
Screen



CarPlay



Android
Auto



Bluetooth



FM
Transmitter



AUX



Rear View
Cam FHD



Dual Channels
Dash Cam



Light Sensor
(Optional)

603A · 6.86"



6.86" IPS
Wide Screen
1280*480



Touch
Screen



CarPlay



Android
Auto



Bluetooth



FM
Transmitter



AUX



Rear View
Cam FHD

935 · 9.3"



9.35" IPS
Wide Screen
1600*600



Touch
Screen



CarPlay



Android
Auto



Bluetooth



FM
Transmitter



AUX



Rear View
Cam FHD



Dual Channels
Dash Cam














Light Sensor
(Optional)

Design E Unique patented design, on dashboard only

719 · 7.0"



-  7.0" IPS Screen 1024*600
-  Patented & Sophisticated Design
-  Touch Screen
-  CarPlay
-  Android Auto
-  Bluetooth
-  FM Transmitter
-  AUX
-  Rear View Cam FHD
-  Dual Channels Dash Cam
-  Light Sensor (Optional)

Design N13 Magnetic mount with dash cam optional

720A · 7.0"

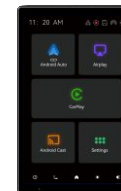
820 · 8.0"



Metal plate
Magnetic mount compatible

Magnetic mount compatible

Quickly switch to vertical GUI



7.0" IPS Screen
1024*600



Touch
Screen



CarPlay



Android
Auto



Bluetooth



FM
Transmitter



AUX



Rear View
Cam FHD

Design H All new creative design, magnet mount and slim body

810 · 8.1"



8.1" IPS Screen
1600*600



Patented &
Sophisticated
Design



Touch
Screen



CarPlay



Android
Auto



Bluetooth



FM
Transmitter



AUX



Rear View
Cam FHD

● For Caravan & Truck



Designed specifically for caravan, off-road and trucks applications.

Design N4

801 · 8.0"



Design D

935 · 9.3"



Design N3

Magnetic mount available

820 · 8.0"



This category contains Android OS device equipped large display; inbuilt-GPS specially designed for caravan and trucking and other scenarios where robust high precision navigation is needed .

Design N4

801

Design A

709AS



Built for on and off-road adventure ahead



Pre-installed navigation software



High precision GPS antenna
Wireless CarPlay/AndroidAuto



Octa Core 4*A55 1.6GHz+4*A55 1.2GHz
Processor RAM & ROM 4+64GB



Online & local video playing



Android OS



GPS



CarPlay



Android
Auto



Bluetooth



WiFi



capacitive
touch



offline map



Youtube



Netflix



● For Motorbike



Design K

622 · 6.25" Free your Hand—Through wired bracelet control, easily get access to phone call, rear view and home page menu.



CarPlay



Android Auto



2K HD



APP Share



2 Channels



Bluetooth



WiFi



IP65 waterproof



TPMS

623S · 6.25" Android OS Connected Navigation Combo Device with Dual Channels Camera

- Android OS 13
- Quad Core Soc
- 4GB+64GB Memory
- Precise GPS positioning



Android OS 13



CarPlay



Android Auto



1080P



APP Share



2 Channels



Bluetooth



WiFi



IP65 waterproof



TPMS



GPS



Octo-Core Soc

◆ Drive Video Recorder – Dash Camera



This category contains stand-alone dash camera devices with compact design, simple operation and practical functions for car.





Design VA

3.16" dual/triple channels dash cam

V18T

V18







- 2K**
2K SHD
- 
APP Share
- 
3 Channels
- 
Parking Monitor
- 
Built-in GPS

Design VN8

3.99" high-end dual channels dash cam

V12



- 4K**
4K SHD
- 
APP Share
- 
2 Channels
- 
Parking Monitor
- 
Built-in GPS

● Rear Mirror



This category contains in-cabin rear mirror with CarPaly&Android Auto and dash cam, streaming media features.

Design MN2

9.66" dual channel dash cam & streaming media with CPAA

M096



CarPlay



Android Auto



2K HD



APP Share



OE FIT MOUNT



2 Channels



Parking Monitor

Design MN3

11.26" dual channel dash cam & streaming media with CPAA

M112



● Cycling Combo Device



Design KN1

K7 3 in 1 Cycling combo device: cycling light, speedometer, video recording



APP
Connection



Cycling light



Speedometer



Cycling track



1080P
HD



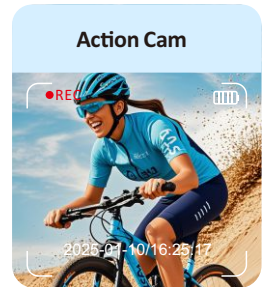
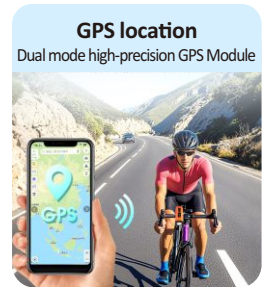
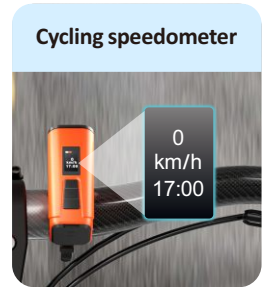
Ultra-long
endurance



IP65 waterproof



GPS





❖ Connected Smart Box

This category contains USB dongle, mini box features wireless CarPlay and Android Auto as well as Android OS, inbuilt cellular network, GPS to turn vehicle's original in-dash screen into smart infotainment system with rich functions.

E70



E02



Design EA

3 IN 1 high performance Android OS connected smart mini box.

E70



Online App



CarPlay



Android Auto



Youtube



Netflix



2.4Ghz+5GHz



Bluetooth5.0



Qualcomm 6115 CPU



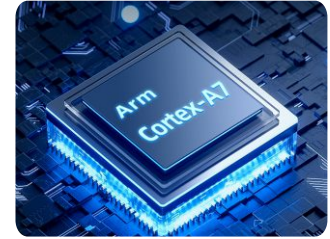
4G LTE Network



GPS

Design EB 2 IN 1 USB dongle of wireless CarPlay and Android Auto.

E02



CarPlay



Android Auto



2.4Ghz+5GHz



Massive APP



Low power chip



Plug and play



Fast connection speeds



Car stereo



More stable operation



Lower latency

Accessories

Delivers wide-range of accessories which all features innovative& patented design and sophisticated crafted, enhance main device's performance and reliability.





❖ Cameras

R14



A whole new design
Re-designed mount for installation at any position.
Equips WDR function to deliver better night vision footage (optional)

R12



R11

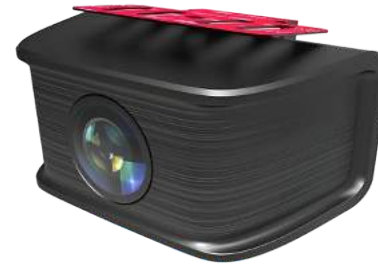


FHD



Ip68 waterproof

R13



❖ Mounts

L70



L90



L71



L85



L88



Mounts

L10F



L50



L10G



L72



L73



❖ Chargers

D16 Cigarette Adapter

- Power cord length: N/A
- Power plug: Type C
- Physical button: for power on/off, rear camera trigger
- Input: 12V~24V
- Output: 5V/2.4A;9V/2A; 12V/1.5A
- Output: 5V/2.5A
- In built transmitter FM



D10 Cigarette Adapter

- Power cord length: N/A
- Power plug: Type C
- Input: 12V~24V
- Output: 5V/2.4A;9V/2A; 12V/1.5A(QC3.0)
- Output: 5V/2.4A;9V/2.22A; 12V/1.5A(PD)
- Output voltage regulation:
The total output voltage regulation shall be $\pm 5\%$
- Protection: over current protection,
short circuit protection,
over voltage protection



❖ Hardwire kit

D14

- Power cord length: 3.5M
- Power plug: Type C
- Input: 12V~24V
- Output: 5V/2.5A



Two Wire Harewire kit



Three Wire Harewire kit



❖ Cables

C11

AUX Cable

Length: 1.5M



C12

GPS Antenna

Length: 2M





www.mcvally.com



WX official account



www.youtube.com/@mcvalleycn



www.instagram.com/mcvalley_tech



www.linkedin.com/company/mcvalley-technology



Official Wechat Channels: mcvalley



C137502



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