

Global Infotainment Leader

WON MOTORS KOREA

Product Portfolio





Company	Won Motors Korea Co., Ltd.
CEO	Won Son
Founded	Dec, 2006
Major Product	Car Infotainment, Car Electronics

Company Timeline

2006

- 2006 **Won Motors co. established**
- 2007 Saudi Mitsubishi AVN DIO
- 2008 Kuwait Chevrolet AVN DIO
- 2009 Kuwait Kia AVN DIO

2013

- 2013 **TOLED Head Up Display launched**
- Singapore Hyundai DVR PIO
- 2014 HUD OEM in Taiwan

2011

- 2011 **Saudi Hyundai AVN PIO**
- Saudi Hyundai accessories PIO
- 2012 Change name to Won Motors Korea co., ltd.

2016

- 2016 **Humax Automotive sales agent in Asia, MENA**
- Singapore Hyundai AV PIO**
- 2018 Promising Enterprize in Export Award
- 2019 **Singapore Nissan AV PDI**

AV, AVN



Cradle Audio



Air Purifier



Accessory



AVNT with SVM

Fusion of next generation MI system and VR based on AI



Key Feature

Radio / USB Media
BT - BT Audio / Phone / BLE / Wi-Fi
Software based SVM (Surround View Monitoring)
AI based VR (Voice Recognition)
HVAC Control & Display - Climate / Seat
Cloud Service TMS (Telematics Service) with eSIM
OTA

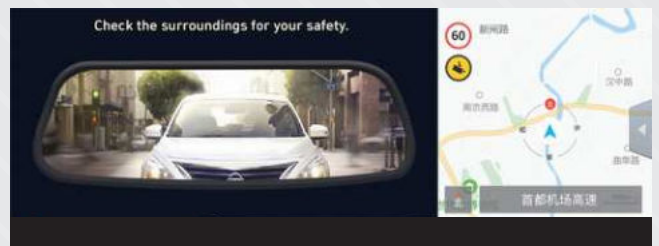
Specification

CPU: ARM Cortex A53 1.5 Ghz Quad core
RAM: LPDDR4 4GB
LCD: 12.3" LCD (1920 x 720) / Capacitive Type
OS: Android Pie Radio : AM/FM Audio
DSP : Dual Tuner + Audio DSP + HiFi2 Core
Bluetooth v4.0 / Wi-Fi (802.11 c/n/a/g/b)
GPS: DR GPS Sensor: RPAS / FPAS
TMS: Telematics Module CAN Support

Screen Shoot Image



SVM



Cloud Navigation



Main Menu



Multimedia



Radio



HVAC Control

Cluster Audio

Hybrid cluster with cost-competitive IVI SoC for low-end cluster segment

Key Feature

- 8" Digital Cluster
- Support to display vehicle information
- Support Electric car feature.
- Supporting AM/FM (BT Audio and Call will support later)
- Rear view Camera

Specification

- 8" IPS LCD (800x480)
- Controlled by SWC
- BT 4.2, A2DP, AVRCP, HFP and PBAP
- AM/FM, BT Audio, Call, Call History
- Display Vehicle Information and Various Alert
- Rear View Camera with Static Guide line



Cluster Audio is an idea product that supports both the digital cluster function and the radio function on 8" display by utilizing the Radio platform, and it can be applied to 2-passenger or low-speed electric car



Charging Status



Radio

Alert



Energy Flow

Call

Smart Cradle Audio

with Wireless Charger

Key Feature & Specification

- Cradle Type Audio (Auto Grip Type)
- Max Size : 225 x 84 mm
- ASTN Full Dot LCD (Resolution : 196 x 33 dots)
- Smartphone Display & Control
- Rear View Display on Smartphone
- Wireless Charger - WPC Qi (WPC 2.1) / 3 Coils / 15W
- NFC (Auto Connection to Phone App.)
- Dedicated Smartphone App.
- AM/FM Tuner
- Microphone
- USB Port (Front)
- Bluetooth 4.2
- Wi-Fi (IEEE 802.11 a/g/n/ac)



Rear View Display on Smartphone



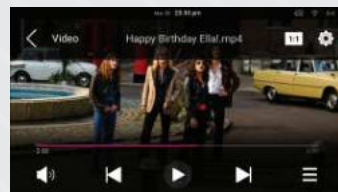
Screen Shoot Image



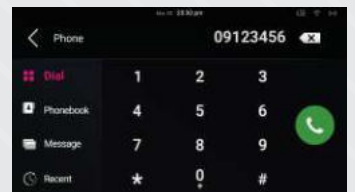
Internet Radio



Music

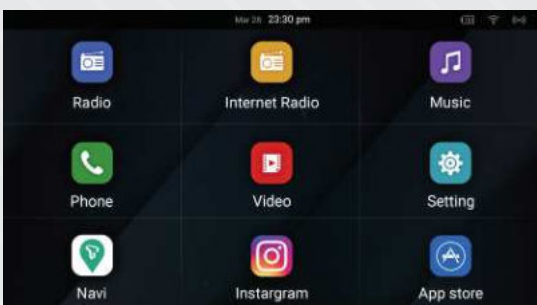


Video

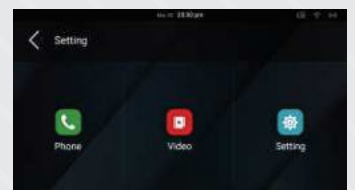


Phone

Dedicated Smartphone App.



Radio



Setting

Entry Display Audio

Cost competitive Platform for Display Audio



7 inch Display Audio

Key Feature

7" Color TFT LCD with Capacitive Touch
Touch Key (Cap Sense Touch - 1 Slide / 4 Buttons)
AM / EM / USB / iPod / BT / AUX
Wi-Fi (Option)
Rear View Camera
CAN
CarPlay / Android Auto

8 inch Display Audio

Key Feature

8" Color TFT LCD with Capacitive Touch
WVGA (800x480)
6 Buttons & 2 Knobs
AM/FM / USB / iPod / BT / AUX
Audio / Video playback from USB
Rear View Camera
CAN
CarPlay / Android Auto



12~24V Truck AV, AVN



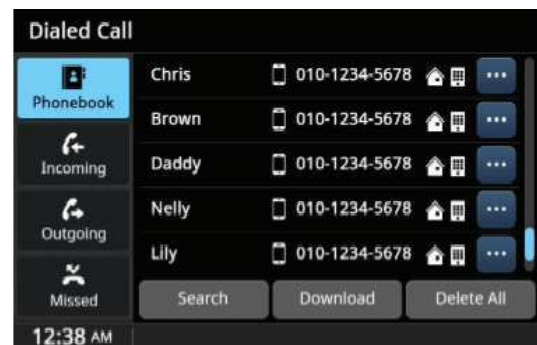
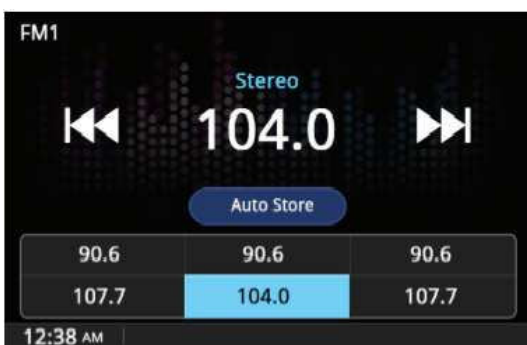
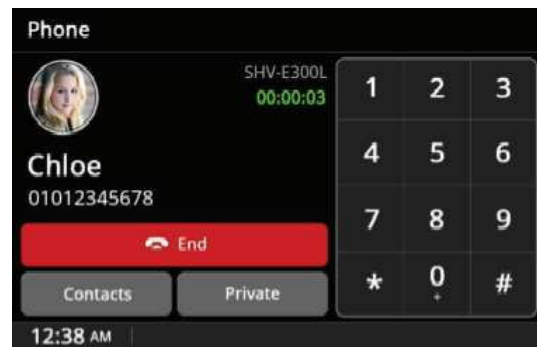
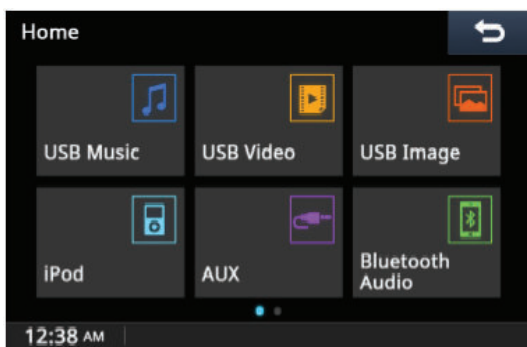
Key Feature



Specification

- TCC8931 : ARM Cortex A9 Dual Core
- Linux OS
- 7" WVGA TFT-LCD with C-Touch
- Rearview Camera interface
- 4CH Video input / 4 Splic screen
RCA cable 4pcs support
- TPMS RS230 Interface - Max 36 sensor input
- USB 2.0
- Bluetooth 4.1

Screen Shoot Image



Nissan AV, AVN



AV, AVN - Nissan Qashqai & X-Trail

Key Feature



Specification

- TCC8021 : ARM Cortex A7 Dual Core
- Linux OS
- 8" WVGA TFT-LCD with C-Touch
- Rearview Camera interface (static guideline)
- DDR3 1GB for Main Memory, eMMC 8GB for OS & Application
- Max 45W x 4ch Power Amp
- USB 2.0
- Bluetooth 4.0 & MIC

AV, AVN - Nissan Sentra, Note, Leaf, Serena

Key Feature



Specification

- TCC8021 : ARM Cortex A7 Dual Core
- Linux OS
- 8" WVGA TFT-LCD with C-Touch
- Rearview Camera interface
- DDR3 1GB for Main Memory, eMMC 8GB for OS & Application
- Max 45W x 4ch Power Amp
- USB 2.0
- Bluetooth 4.0 & MIC



Hyundai AV, AVN



New Accent

Key Feature



Specification

- TCC8931 : ARM Cortex A9 Dual Core
- Linux OS
- 7" WVGA TFT-LCD with C-Touch
- Rearview Camera interface
- DDR3 1GB for Main Memory, eMMC 8GB for OS & Application
- Max 45W x 4ch Power Amp
- USB 2.0
- Bluetooth 4.0 & MIC

Kona

Key Feature



Specification

- TCC8931 : ARM Cortex A9 Dual Core
- Linux OS
- 8" WVGA TFT-LCD with C-Touch
- Rearview Camera interface
- DDR3 1GB for Main Memory, eMMC 8GB for OS & Application
- Max 45W x 4ch Power Amp
- USB 2.0
- Bluetooth 4.0 & MIC



i-20

Key Feature



Specification

- TCC8931 : ARM Cortex A9 Dual Core
- Linux OS
- 7" WVGA TFT-LCD with C-Touch
- Rearview Camera interface
- DDR3 1GB for Main Memory, eMMC 8GB for OS & Application
- Max 45W x 4ch Power Amp
- USB 2.0
- Bluetooth 4.0 & MIC



i-10

Key Feature



Specification

- TCC8931 : ARM Cortex A9 Dual Core
- Linux OS
- 7" WVGA TFT-LCD with C-Touch
- Rearview Camera interface
- DDR3 1GB for Main Memory, eMMC 8GB for OS & Application
- Max 45W x 4ch Power Amp
- USB 2.0
- Bluetooth 4.0 & MIC



KIA AV, AVN

Cerato

Key Feature



Specification

- TCC8931 : ARM Cortex A9 Dual Core
- Linux OS
- 7" WVGA TFT-LCD with C-Touch
- Rearview Camera interface
- DDR3 1GB for Main Memory, eMMC 8GB for OS & Application
- Max 45W x 4ch Power Amp
- USB 2.0
- Bluetooth 4.0 & MIC



Optima

Key Feature



Specification

- TCC8931 : ARM Cortex A9 Dual Core
- Linux OS
- 7" WVGA TFT-LCD with C-Touch
- Rearview Camera interface
- DDR3 1GB for Main Memory, eMMC 8GB for OS & Application
- Max 45W x 4ch Power Amp
- USB 2.0
- Bluetooth 4.0 & MIC



GM AV, AVN, Color Radio

Hybrid cluster with cost-competitive IVI SoC for low-end cluster segment



Key Feature



Specification

- ARM926 400MHz
- 4.3" WQVGA TFT-LCD with C-Touch
- Rearview Camera interface
- CAN HS
- Max 45W x 4ch Power Amp
- USB (Charging and data)
- Bluetooth 4.0 (HFP, PBAP, A2DP, AVRCP)
- Wi-Fi (IEEE 802.11a/b/g/n/ac)

Key Feature



Specification

- 7" 800x480 Color TFT LCD w/ C-Touch
- Over 2-DIN Fascia
- AM/FM Radio
- 4ch x 25W Audio Output
- 1 USB Port (Rear, 1A Max)
- USB Audio Playback & Picture Viewer
- iPod Audio
- Audio Aux-In (Front)
- Bluetooth Hands Free, Audio Streaming
- SWR



Car Air Cleaner - Console box

Specification

- Air Purification rate : > 45m²/h
- Air Purification method : Filter+ion
- Hazardous Purifying ability :
 - PM2.5 : > 9.85%
 - Formaldehyde : > 95.45%
 - Benzene : > 82.05%
 - Nicotine : > 75%
 - Staphylococcus : > 99%
- Ion generation amount : 6M per cm²
- Working voltage : 12V
- Working temperature : -30~+70C
- Display : LCD 1(display) + LED 1(4 colors)



Cupholder Type

Specification

- Air Purification rate : > 45m²/h
- Air Purification method : Filter+ion
- Filter : Hepa Filter
- Noise level : < 45dB
- Size : 75 x 200mm
- Weight : 349g
- Sensor : Gas sensor
- Fan speed : Low/Auto/High
- LED color : Red/Green/Blue/Yellow
- Working voltage : USB 5V
- Working amphere : max 300mA
- Working temperature : -10~+60C

