



# CNT100

## Android IoT Multimedia Player for Volkswagen Product Brief



### General Description

CNT100 IoT Multimedia Player for Volkswagen is a cutting-edge Android box which supports three different resolutions: 1280 x 640, 800 x 480, and 400 x 240, this model is also suitable for SEAT and Škoda as well as MIB2 GP AIO (All-In-One), the detailed product features and specifications are as follows:

### Core Features

- Plug-n-play
- Original-like video
- Multiple resolution supported
- Excellent solution for car with/without AUX in, Android Bluetooth audio built-in to the head unit, AUX out, and external speaker simultaneously
- Volume of both Android AUX out and external NAVI speaker can be adjusted independently
- Embedded 4G LTE Qualcomm Cortex quad-core supports worldwide frequency bands
- Wi-Fi/Bluetooth 4.1 on board to head unit
- GNSS supported (GPS/GLONASS/BEIDOU)
- AV In
- NAVI audio relay in for original car speaker or optional external speaker
- Modularized design for easy system upgrade
- Optional DTV DVB-T1/T2, ISDB Full segment
- Extended functionalities can be introduced via UART/GPIO
- Optional on-line tracking for connecting car
- Active parking line and parking distance control

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## Technical Specifications

### Core Technologies

Chipset	Qualcomm
Core Architecture	Cortex A7 Quad core 1.1GHz
Memory	1G LPDDR3 8G EMMC
WIFI	802.11 b/g/n
Bluetooth	4.1
GNSS	GPS/GLONASS/BEIDOU
RF	GSM/CDMA/WCDMA/LTE
USB	5
Ext. Storage	Micro SD
SIM Type	Micro SIM

### I/O Features

Video Out	FPD-LINK II
	FPD-LINK III
Video In	CVBS/Camera In
	LINE OUT
Audio Out	BT A2DP to Head Unit
	Mono speaker out
Audio In	MIC IN

### Device Size and Weight

170(L) X 100 (W) X 27 (H) mm  
650g

### OS Feature

OS update by USB/SD card
FW update by USB/SD card
PHONE
MESSAGE
YOUTUBE
CHROME
VOICE COMMAND

### TOUCH Feature

UART	8N1, 9600bps ~ 115200bps
Resistive	4 pins
CAN bus	supported

### Power Consumption

Voltage	DC 12V ~ 24V
Maximum	50W
Minimum	3mA/12V

### Accessories

3G/4G Antenna	2
GPS Antenna	1
Power Cable	1
Video Cable	1
Audio Cable	1

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