CHAINWAY





V600

Vehicle Computer

Android | 4G | WiFi | Bluetooth | OBD | HF | 1D Barcode | 2D Barcode | Fingerprint | Face Recognition | Camera | GPS

Chainway V600 is a vehicle computer with reliable performance. Featuring 4G LTE, stable Wi-Fi, ultrafast quad-core processor, GPS & BDS, multi-channel external camera, 5MP autofocus camera, fingerprint, barcode scanning and face recognition, OBD data collection, Bluetooth 4.0 as well as biometrics, supporting calls, SMS, voice and recording functions, it can fully realize the overall management of driving school vehicles, school buses, taxis, buses, trucks, etc., effectively ensuring traffic safety.





Specification

Physical Characteristics

Dimension	188mm x 115mm x 29mm / 7.40 x 4.53 x 1.14in
Display	5.5″ 720P TFT-LCD capacitive touch panel,
	16.7M colors, adjustable backlight brightness
Expansion Slot	1 SIM, 1 TF, 1 SD, 1 HF slot
Interface	Micro USB, USB type A, OTG
Input Mode	Touch input
Audio	Speaker, microphone; supporting voice calls
Keypad	8 function keys
Sensor	Gravity sensor, gyroscope

Performance

Option 1	CPU: Qualcomm 1.3 GHz quad-core
	RAM+ROM: 2GB+16GB
Option 2	CPU: Qualcomm 1.3 GHz quad-core
	RAM+ROM: 1GB+8GB
Expansion	Supports a total of 64GB by SD and TF cards

User Environment

Input Voltage	9V-60V
Operating Temp.	-4°F to 122°F / -20°C to 50°C
Storage Temp.	-40°F to 158°F / -40°C to 70°C
Humidity	5%RH - 95%RH non condensing
ESD	±8KV air discharge, ±4KV conductive discharge

Developing Environment

Operating System	Android 5.1
SDK	Chainway Software Development Kit
Language	Java
Tool	Eclipse/Android Studio

Communication

WLAN	IEEE802.11 b/g/n
WWAN(E)	2G: GPRS (900/1800MHz)
	3G: WCDMA B1 B8
	4G: FDD-LTE: B1 B3 B7 B8 B20
WWAN(N)	2G: GPRS (850/1900MHz)
	3G: WCDMA B2 B5
	4G: FDD-LTE: B2 B4 B5 B7 B17
WWAN(C)	2G: GPRS (850/900/1800/1800MHz)
	3G: WCDMA : B1
	CDMA EVDD: EVDD Rev.A800MHz
	TD-SCDMA: B34 B39
	4G: TDD-LTE: B38 B39 B40 B41
	FDD-LTE: B1 B3
Bluetooth	Bluetooth 4.0
GNSS	GPS, A-GPS, BeiDou (optional)

Data Collection

Front Camera

GC 5MP Autofocus

External Camera (Optional)

Multi-channel (with infrared lamp), taking photos and videos simultaneously

Resolution	320 x 240, 640 x 480, 1280 x 720
Fps	YUY2: 720p/15fps, VGA/30fps, CIF/30fps
MJPEG	720p/30fps, VGA/60fps, CIF/60fps

RFID

HF	NXP
Frequency	13.56MHz
Protocol	ISO14443A/B, 15693
Chips	1) MF1 card (S50/S70), MF0 (Ultra light),
	MF3 (Desfire D40/D41/D81), CPU_A card
	2) CPU_B card
	3) Others for customization

Fingerprint (Optional)

Sensor	TCS2SS
Size	256 x 288
Resolution	508DPI
Memory	1,000 PCS fingerprints

Barcode Scanning (Optional)

*Barcode scanning is alternative to fingerprint recognition.

OBD (optional)

Protocol	OBDII, ISO9141-2, ISO14230(KWP),
	ISO15765(CANBUS)

Accessories



Metal Bracket



4G
GPS external antenna



Wire harness



OBD module
(optional)



External camera
(optional)

Notice: Product specifications are subject to change without prior notice. / Model: V600 / Update Date: 2018-01-23

CHAINWAY®

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