

4G whole network traffic machine configuration

System version:	Android10.0 /false-13 (2+32G/3+32G/4+64G/6+128G)
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二、Chip specifications / Main components:

Order	Chip / part/name	Specification
1	CPU	An 8-core A55 processor with a main frequency of up to 1.6GHz
	GPU	PowerVR Fentale GE8322 up to 550MHz
2	display screen	MIPI, IPS / TN, 10 inch / 9 inch 1024 * 600 (optional 1280 * 720 / 720 * 1280 / 1200 * 2000)
3	DDR	LPDDR4X: 3GB/4GB GB DDR3
4	Memory	32GB/64GB

3. Hardware function parameters:

Order	Hardware name	Specification requirements description
1	GPS	GPS and Beidou
2	TP	Touch 5 o'clock, 2.5D/G+G
4	USB	Max. 128G
6	bluetooth	Built-in Bluetooth version 5.0
7	WIFI	Support 2.4G / 5G dual-frequency, 802.11a/b/g/n
10	Audio sound	4-road * 45W audio output, with support for mixing and EQ sound effects
11	RADIO	Support for FM / AM full frequency band (7708) / 8035 (single FM)
12	Steering wheel button	Support 2-way AD button steering wheel learning, and CANBUS button function
13	AUX IN	Two input
14	VIDEO IN	Support 2 video input, right or forward switching function on the car
15	video out	Add a video output module or a USB video output module
16	MCU IR	Support
17	CANBUS	Support for the external CANBUS decoding box
18	USB	Support for 2-channel USB4.0 Carplay
19	Hand brake detection	Support
20	ILL CONTROL	Support
21	Power control	Support
22	Automatic antenna	Support
23	MIC	Support/Support external 2 m mi line

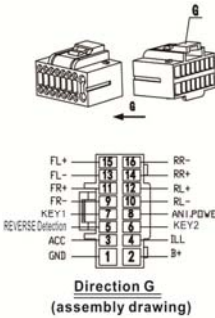
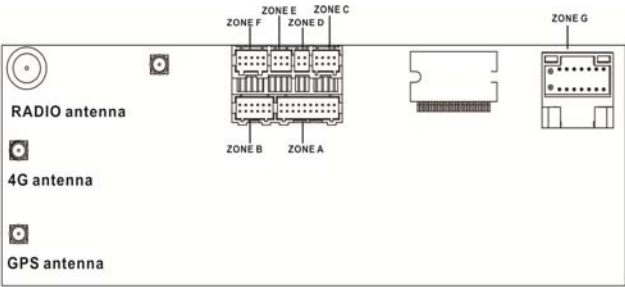
4. Interface function parameters:

Order	interface name	Specification requirements description
1	source	16 The PIN power supply interface
2	antenna interface	Standard mouse-tail antenna interface * 1
5	WIFI&BT antenna	SMA interface*1
6	GPS antenna	SMA interface*1
8	functional interface	60 PIN multifunctional interface * 1; 60 PIN definition see 60 PIN input / output socket in "PVT166 socket Definition"

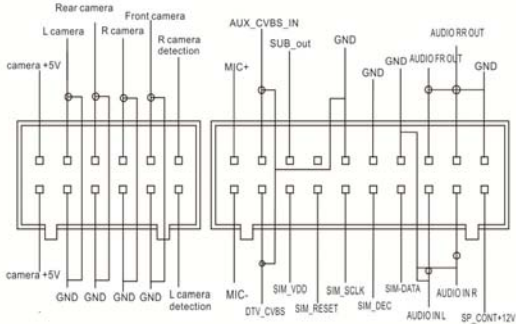
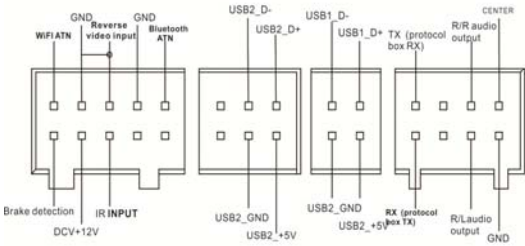
5. Trust / performance parameters:

state description	state description
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enviromental parameter	Operation temperature	- 20℃～+70℃
	Storage temperature	- 40℃～+85℃
function	working voltage	DC10.5V~16V
	power consumption	Rated power 20W, maximum power 25W (full load)
	Standby current	<10 mA (larger after parking monitoring)
start time	Standby start	Less than 2s
	Power start	Less than 30s
GPS parameter	warm boot	Mean 5s
	Warm start	average was 25s
	cold boot	About 35S
	Restart capture time	0.1s
	positioning accuracy	The error is less than 5 meters (less than 1 meter after adding Qianxun high precision positioning)
Air discharge	Contact discharge	±10KV
	Air discharge	±15KV



ZONE F ZONE E ZONE D ZONE C



ZONE B ZONE A

- remarks:
- 60Pin multi-function socket is defined as:
 - Zone A ---- Audio and video multi-function plug+SIM_ card
 - Zone B --- 360 panoramic video
 - Zone C ---- External protocol box machine (RX TX)
 - Zone D ---- USB OTG
 - Zone E --- USB HOST
 - Zone F ---- reverse video Bluetooth WIFI antenna