

System and Hardware Parameters

OS	Android 10.0 System	Mirror Link/Easy Connect	YES
CPU	ROCKCHIP PX6(3399), Cotex A72+A53, Hexa Core	TFT drive IC	Rockchip PX6
Main Frequency	Cotex A72(1.8Ghz)+A53(1.4Ghz)	Loader	SHINNY SD-28EF-PJJ-53X
MCU	STM8S207R8T6	DVD decoder IC	Sunplus 8202VGQ
RAM	SAMSUNG DDR3 4GB	Pick up	EP-HD860XCF
ROM	64GB	Video Decoder	1080P HW
DSP	BU32107	Motor drive IC	AMTEK-AM5888S
DVR	directly connect external USB Camera	EQ IC	ROM BD37033FV-ME2
Radio	NXP, TEF6686 (including RDS)	Audio IC	ROM BD37033FV-ME2
Bluetooth	GOC-RF210 (BT 5.0)	Power IC	MPS MP1854
Parrot Bluetooth	Optional (built in)	Working temperature	(-20 ~ 70°C)
Touch Screen	Capacitive and multi-touch screen (G+G)	Storage temperature	(-40 ~ 85°C)
Display Screen	Hanstar HD Screen	DAB+	Optional (built in)
Display Screen	IPS Screen (optional)	DAB+	Optional (external)
Amplifier IC	ST, TDA 7851	4G LTE (SIM Card)	Optional (built in)
Power supply	4*50W	OBD II	Optional (external)

GPS Module	GT-1110-UB8X (UBX-M8030-KT)	TPMS	Optional (external)
WIFI Module	BL-R8188EU1	DVB-T (MPEG4)	Optional (built in & external)
Front Camera input	Yes (built in)	ISDB-T (Full SEG)	Optional (built in & external)
Rear View input	AHD rear view camera input	CarPlay/Android Auto	Optional (built in)
Multi-Media Parameters			
Audio Format	MP3, WMA, MP2, OGG, AAC, MA4, FLAC, APE, WAV etc. Could play via song list		
Video Format	Support AVI (H.264, DIVX, XVID), rm, rmvb, MKV (H.264, DIVX, XVID). WMA, MOV, MP4 (H.264, MPEG, DIVX, XVID). DAT (VCD format). VOB (DVD format). PMP, MPEG, MPG. FLV (H.263, H.264). ASF, TS, TP, 3GP, MPG ect. =30 formats, Playing internet video directly (while downloading)		
Play	Up to 1920*1080 Pixels, 30Mb. Fluent play without light spot		
Video Output	Common Video Output (AV)		
Picture Format	JPG/BMP/JEPG/GIF/PNG		
DVD Parameters			
Decode IC	SUNPLUS 8202VGQ		
Compatible Format	DVD, DVD-R/RW, HDVD, MP3, MP4, CD-R/RW, VCD, DIVX, WMA/JPEG		
Divx Title	Unicode/UTF8/ASCII		
Audio/Subtitle Languages	English/Italian/French/Spanish/Portuguese/German/Russian/Arabic..		
Last-Position-Memory	Yes, expediently watch all kinds of disc continuously		
Bluetooth Parameters			

Type	GOC-RF210 (BT 5.0)
Hands Free	YES
Frequency Band	2.402GHz~2.480GHz ISM band
Modulation Method	FHSS, GFSK , DPSK, DQPSK
Max speed for transfer	Asynchronous: 723.2kbps/57.6kbps Synchronous: 433.9kbps/433.9kbps
Hopping & channels	1600hops/sec, 1MHz channel space,79 Channels (BT 4.2 to 2MHz channel space)
Output impedance	50 ohms
Crystal Frequency	40MHz
Outer interface	UART
Range for working distance	10 meters (33 files)
Receiving Sensitivity	(-90dBm@0.1%BER)
Power Voltage	5V supply voltage
Radio Parameters	
Radio IC	TEF6688
AM Frequency Range	522KHz-1620KHz
AM Increment	9KHz(EU)/10KHz(US)
FM Tuning Range	87.5MHz-108.0MHz

FM Increment	0.05MHz(EU)/0.1MHz(US)
FM Area	Europe/USA1/USA2/Japan/Russia
RDS	On/Off
Preset Stations	30 (FM 3x6, AM 2x6)
Amplifer Parameters	
Major Chipset	TDA 7851
Test Voltage	13.8V
Max output power	4*50W
GPS Parameters	
Major Chipset	Ublox UBX-M8030-KT
Ultra high Track sensitivity	(-167dBm)
Low power consumption	Max 40mA@3.3V
Operating voltage	2.8V ~ 3.6V
Operating temperature rang	(-40 ~ 85°C)
WIFI Parameters	
Major Chipset	RTL8188ETV
Suppoted Protocol/standard	IEEE 802.11 b/g/n compatible WLAN

Interface type	USB2.0
Modulation Type	802.11b: CCK, DQPSK, DBPSK , 802.11g: 64-QAM,16-QAM, QPSK, BPSK , 802.11n: 64-QAM,16-QAM, QPSK, BPSK
Frequency Range	2.4GHz~2.4835GHz
RF Power	16dBm@11b, 14dBm@11g , 13dBm@11n
The transmit distance	Indoor 100M, Outdoor 300M, according the local environment
Power supply	3.3V +/-0.2V