

408 NAVIGATION MAIN TECHNICAL SPECIFICATIONS AND INDICATORS

Especificaciones



Project		Design value
Product model name		HD408BD-2.5GD Beidou Navigation Agricultural Machinery Automatic Steering System
Steering control type		Torque motor control
Vehicle terminal	System	Quad-core CORTEX-A 53 high-speed processor of 2GB DDR3 SDRAM 16GB ON-BOARD EMMC Built-in speaker (8 ohm, 2w) Android 10.0
	Function key	Power switch key
	Display	A 10.1-inch LCD screen/Resolution: 1024 * 600/Capacacitive touch screen, support 5 finger touch
	Specification and dimension	281mm*187mm*48mm
	Input voltage	The DC flow is 6.5-36V
	Rated current	1.2A 12V
	Maximum current	15A 12V
	Power rating	≈150W
	Overvoltage protection	36V, surge, compliant with ISO-7637 standard
	Reverse protection	-36V, surge, compliant with ISO-7637 standard
	Communication	B T4.0, BLE / Classic dual-mode 4G L TE full Dual SIM dual standby dual communication WIFI
	On-board computer data input and output protocol	Support for CAN, USB, WIFI, and Bluetooth
	I/O Interface	AHD Camera * 2/CAN *2/The USB interface * 1 PWM*4/5V DC external power supply
	Protection level	IP67
	Vibration standard	GB/T 4798.5-2007 5M4
	Impact standard	GB/T 4798.5-2007 5M4
	Road vehicle standard	ISO16750
	Working temperature	-20 -70°C/Humidity: 0% -90%
	Storage temperature	-30-80°C, /Humidity: 30% -95%

Satellite receiving	Shell	Germany Bayer industrial grade modulated PC
	Junctor	Aviation plug
	Working current	<15A
	Satellite receiver type and frequency point	UNICORE UM 982 / BDS B1I, B2I, B3I, GPS L1, L2, L5, GLONASS L1, L2, Galileo E1, E5a, E5b, QZSS L1, L2, L5 full system full frequency letter
	Number of satellite receiver channels	1408 channel
	Types of satellite receiver interface	Support 3 x UART, 1 x I2C *, 1 x SPI *, 1 x CAN *
	Satellite receiver data update rate	20Hz
	Satellite receiver antenna type	Single-antenna / dual-antenna antenna
	The vibration standard	GB/T 4798.5-2007 5M4
Motor	Shell	cast aluminium
	Working voltage	9V~18V DC
	Rated voltage	12V DC
	Rated current	10A
	Rating torque	7N.m
	Peak torque	14±2N.m
	Steering error with load	<±5°
	Rated rotational speed	100±10r/min
	Weight	About 5 kg
	Interface	Air plug
	Protection level	IP65
	Mechanical shock	EP455 5.14.1
	Use temperature	-20°C~+55°C
	Storage temperature	-40°C~+60°C

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Implementing Global Agricultural Intelligence

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