

HUGEROCK K101S

RUGGED SMART TERMINAL

10.1 inch Industrial Multi-function Smart Terminal



All-mode
Full Bands



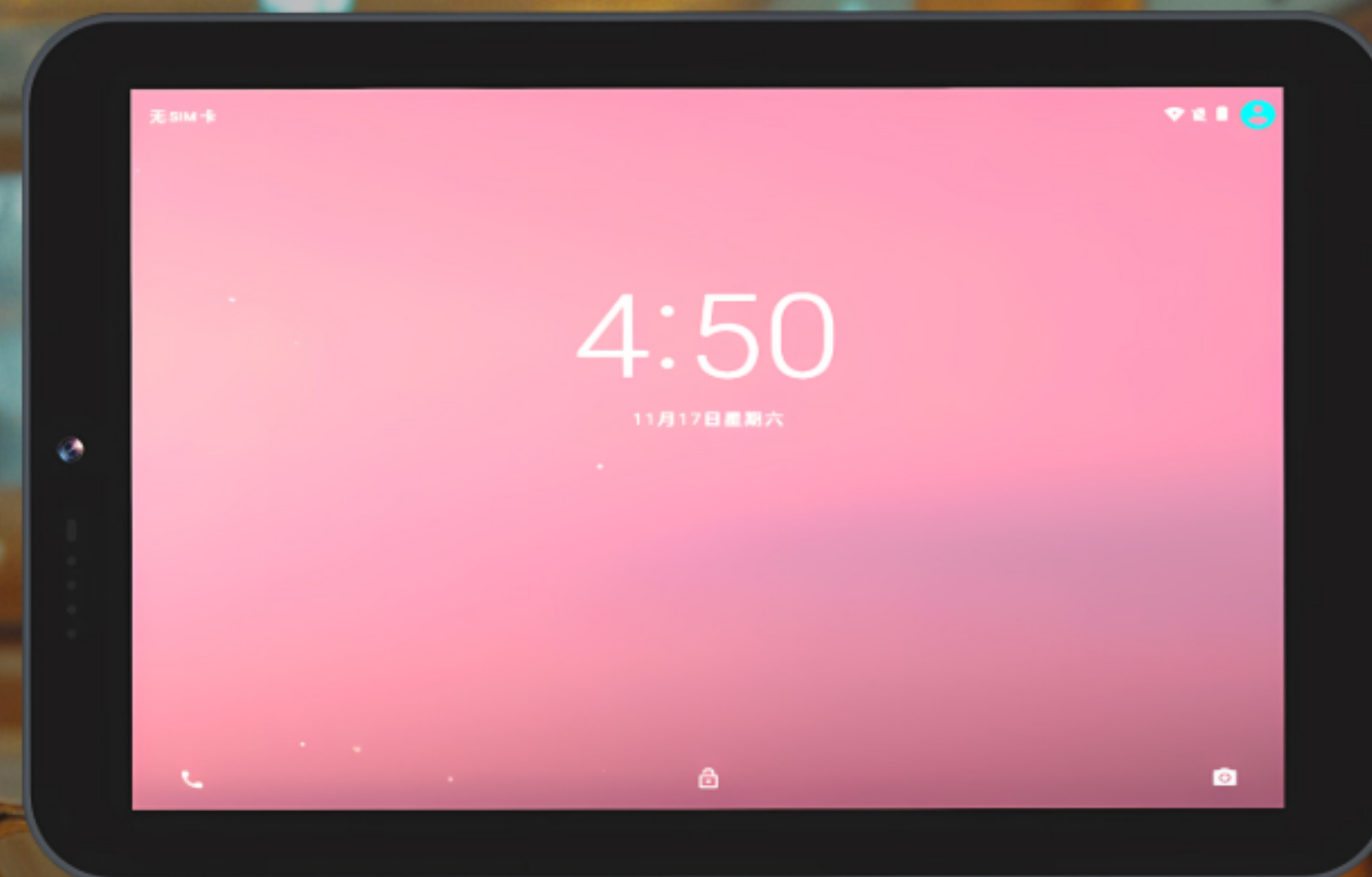
IP65
Waterproof/Dustproof



5MP
Camera



GNSS
GPS+Beidou+Glonass
+AGPS+SBAS



HUGEROCK-K101S
tools for industrial

Shenzhen SOTEN Technology Co., LTD

ADD: 10th Floor, Block 2, Baiwang Research And Development Building, Xili Street, Shenzhen, Guangdong, China 518000

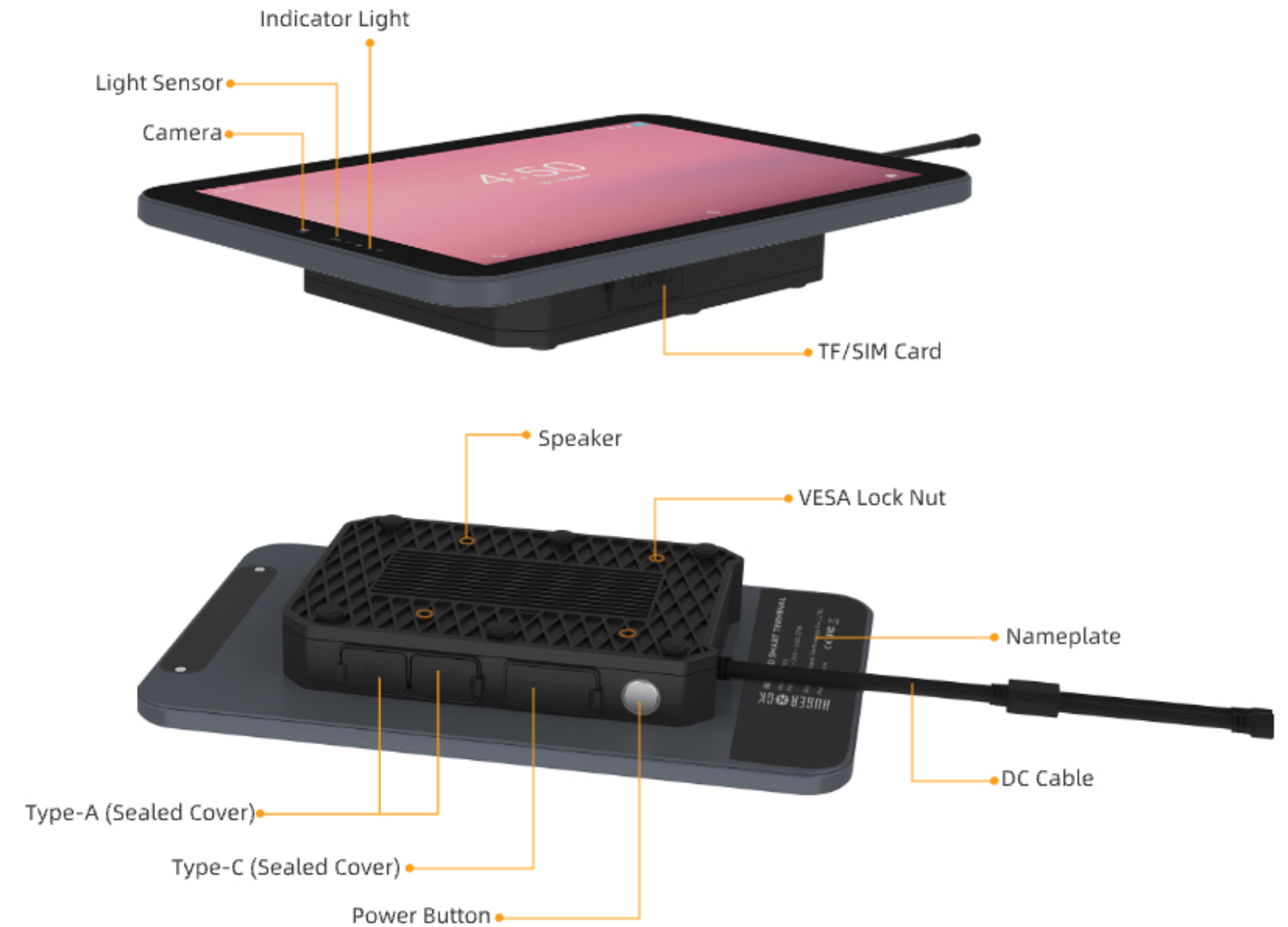
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APPEARANCE



SPECIFICATION

Model: K101S

Hardware		Communications & Networking	
CPU	ARM Cortex A73 Octa-core(2.0GHz)	Phone Call	GSM /WCDMA/VoLTE
GPU	ARM Mali-G72 MP3	2G	GSM/EDGE/GPRS/WAP
RAM	6G	2G Band	GSM (B2/3/5/8)
Internal Memory	64G	3G	WCDMA 3.75G (HSDPA+42.2Mbps, HSUPA+11.5Mbps)
External Memory	Micro SD card (T-FLASH card), max 1TB	3G Band	WCDMA(B1/2/5/8)
Sub Camera	5.0MP	4G	FDD: 150Mbps down, 50Mbps UP TDD: 150Mbps , 50Mbps up
Battery	No built-in battery/external power supply	4G Band	TD-LTE (B38/39/40/41); FDD LTE (B1,B2,B3,B4,B5,B7,B8,B12,B17,B20,B28)
Display	10.1 inch IPS/AFFS 1920*1200 FHD industrial 1000nit Sunlight Readable	WI-FI	Dual-band WIFI(2.4GHz/5Ghz) single stream 802.11 a/b/g/n/ac
Touch Panel	Capacitive/frosted tempered film supports glove touch/spray/active capacitive pen	BT	5.0 Low Energy (LE)
IO/Sensor/Navigation		Industrial & Reliability Design	
SIM Card	Nano sim card*2	Shake-proof	1-19Hz/1.0mm; 19-200Hz/1.0g
Headphone	3.5mm (CTIA)	Dropproof /IK	MIL-STD-810G/Method516.6/Procedure IV & Touch Panel IK05
Data interface	USB Type-A (Host)*2 , Type-C (OTG)*1	Waterproof	Class 5 (IEC 60529)
Gravity sensor	support	Dustproof	Class 6 (IEC 60529)
Motion sensor	support	Reliability	-40°C to 60°C
Direction Sensor	support	Operating temperature	-40°C to 80°C
Magnetic Field Sensor	support	Storage Temperature	MTBF>5000h; MTTR<0.5h
Body sensor	support	RH	5% to 95%
Light-sensor	support	Operating Altitude	Max: 4,500 m (15,000 feet)
Acceleration sensor	support	Certification/OS/Software	
Gyro sensor	support	Certification	3C/FCC/CE/ROHS/IP65 (IEC 60529)
Charger	DC 9 ~ 24V input, 3A 27W	Language	English, Spanish, Portuguese(Brazil), Portuguese(Portugal), Italian, German, Dutch, French, Polish, Romanian, Turkish, Russian, Arabic, Indonesian, Malay, Thai, Vietnamese, Hindi, Hebrew, Simplified, Chinese, Chinese Traditional, etc
Navigation	GPS+Beidou+Glonass+AGPS+SBAS(EPO 2.5m)		
Appearance		OS	Android 11/13 (Continuous updates)
Size	261*167*35mm (LxWxH)	Package/Warranty terms/OEM	
Weight	1100克	Warranty	24 months
Color & Material	Gray (ABS+PC+Metal)	OEM/ODM	Support
		Package	Type-C Cable/Quick start guide/Screen protector/SIM Card Ejector/Aircraft box/Manual

OPTIONAL MODULE PARAMETERS

NFC		Industrial short-distance data communication module	
ST21 module	Optional under-screen type / reading distance 2-5cm	Lora	Optional
Wired Network		High-precision positioning and navigation module	
Wired network card	Optional RJ45 10-100M	M9N (Ublox)+ Ceramic Antenna	Optional
System-wide multi-frequency high-precision RTK positioning module		MM20B (FMI)+ Ceramic Antenna	Optional
UM980(Ublox)+dish antenna	Optional	Other customer supply modules	
UM982(Ublox)+dish antenna*2	Optional	It must meet the interface conditions:	
RS485 Serial Port Module		3.3V-1.5A/5V-1.5A power supply, UART interface, interface level 3.3V/5V, GPIO 1 channel/level 3.3V/5V.	
RS485*1	Optional	Please consult our customer service for specific configuration.	
RS232 Serial Port Module		OBD CAN Protocol Module	
RS232*2	Optional	OBD*1	Optional
Sensor			
Temperature pressure sensor	Optional		



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