

SV100_VM



The actual appearance is subject to the final configuration.

Specifications

MODEL	SV100_VM			
Supported OS	Android 10			
CPU	Model	MTK6771 octa core 2.0 GHZ		
RAM / ROM	Capacity	4GB+64GB / 8GB+128GB(optional)		
Battery	Capacity	10000mAh, 3.8v high-voltage Li-ion battery removable		
	Battery Life	LCD 50% brightness, play 1080P video, can support 10H		
	Type	1: Lithium polymer removable battery		
		2: The battery ultrasonic is in the battery case, and the battery latch locks the battery		
3: The battery is connected to the motherboard with a 7PIN knife test connector				
Screen Data	Screen size	10.1 inch		
	Ratio	16:10		
	Resolution	IPS 1280*800, (1920*1200 optional)		
	Screen brightness	450cd/m ² , (750cd/m ² optional)		
	Touch Panel	Corning Gorilla Glass III, hardness 7H, 5-point touch, support wet hand touch screen, glove touch screen		
	Camera	Front camera: 5MP / GC5025, MIPI interface Rear camera: 13MP / OV13855, MIPI interface, support flash		
Networks Connections	WIFI	WIFI 802.11(a/b/g/n/ac) Frequency 2.4G+5.8G Dual frequency WIFI		
	Bluetooth	Bluetooth 4.2 (BLE) class1 transmit distance: 10m		
	2G/3G/4G		GSM: B2/B3/B5/B8	WCDMA: B1/B2/B5/B8
			TD-SCDMA: B38/B39/B40/B41	CDMA2000
			LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28A/	LTE-TDD: B38/B39/B40/B41
	GPS	MT6631 module supports GPS+BD (GPS+Bluetooth+Wifi+radio four in one) U-BLOX M8N, GPS+GLONASS		
	NFC	13.56MHZ, support 14443A/14443B/15693 and other protocols		
Buttons	Power button	1 x Power button		
	Volume	Volume keys x 2, Vol+, Vol-		
	Custom	Custom keys x 2, P key, F key		

I/O INTERFACE	Type C interface	1 x USB 2.0 OTG
	USB	1 x USB 2.0
	Earphone Jack	1 x 3.5mm Standard Earpiece jack
	TF Card	1 x Maximum support 256GB expansion
	SIM Card	1 x Standard Micro SIM card slot
	MINI HDMI	1 x Mini HDMI
	SIM	1 x SIM Card
	POGO PIN	1 x 12Pin USB+Charge
	RS232(serial port)	1 x RS232(serial port)
	RJ45 jack	1 x RJ45 jack
	Speaker	2 x speaker 1.2W/8Ω aluminum film, waterproof speaker
	Receiver	1 x waterproof handset
	Microphone	1 x MIC,waterproof rating
	Air plug (customized)	2 x extended to realize CAN function, USB, TTL, RS232, charging DC and other functions
Speaker / MIC	Speakers	Double speakers
	Speakers type	1.2W/8Ω aluminum film, IP67 waterproof speaker
	MIC	Dual MIC, IP67 waterproof rating
Additional Systems	Gravity sensor	YES
	Compass	YES
	Gyro	YES
	Light-sensitive	YES
	Distance Sensing	YES
Date Collection	1D scanner (custom function)	Zebra SE655 TTL, SE655E100R / Optical Resolution: 5mil / Scanning Speed: 50 times/s; Honeywell N4313
	2D scanner (custom function)	Zebra, SE4710, soft decoding Honeywell, N3680 hard decoding/optical resolution: 5mil/scanning speed: 50 times/s, scanning distance 30CM
	CAN (custom function)	1 x CAN bus interface
	ID card (custom function)	Optional
	UHF (custom function)	PR9200, reading distance 1.5M~2.5M/5M - R2000, read distance 15M
	HF (custom function)	13.56MHZ RFID Support ISO14443A/14443B/15693 etc.; ISO14443A : S50/S70/Ultralight/NTag/FM11RF08/FM1208; ISO14443A/B:S50/S70/Ultralight/NTag/FM11RF08; ISO14443A/B/15693:S50/S70/ULT/NTAG/FM11RF08/FM1208/ICODE/DESfire/15693/Felica
	LF (custom function)	125K RFID
	High-precision positioning (custom function)	Differential positioning module, support RTK antenna
Environment	Operating Temperature	-30°C ~ 50°C
	Storage Temperature	-30°C ~ 70°C
	Relative Humidity	95% Non-Condensing
	IP Grade	IP68- IP68 Report: Waterproof Test: IP-X7, Dust Test: IP-6X Certificate Report No.: SET2015-07677
	Drop height	1.2m wooden floor, free fall from drop machine
Physical Characteristics	Color	Black color customizable
	Dimensions	277.48 (L) x 182.74 (W) x 23 (H)mm
	Net Weight	1190g
Regulation	EMC	CE, US military standard-810G certification, energy saving certification, ISO quality certification system, ROHS, three-proof salt spray test, CE-NB, MIL-STD-810G, CCC

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Ordering Information

RAM	ROM	RATIO	LCD inch	RESOLUTION	Camera Rear	Camera Front	
4 / 8 GB	64 / 128 GB	16:10	10.1	1280 x 800	1 x 13 MP	1 x 5 MP	
USB 2.0	USB Type C	Earphone Jack	RJ45 Jack	Bluetooth	SIM	TF Card Slot	WI-FI
1	1	1	1	Bluetooth 4.2	1	1	WIFI 802.11
Mini HDMI	Pogo Pin	RS232	Speaker	MIC	Power Supply		
1	1	1	2	1	3.8v high-voltage lithium battery		

Processors Info & Available List

CPU	Total Cores	Total Threads	Max Turbo Frequency	Processor Base Frequency	Cache	Bus Speed	TDP	Memory Types
MTK6771	8	8	-	2.0 GHz	-	-	-	-

Packing List

Default Items	Qty
SV100_VM	1
5V/3A, Level 6 Energy Efficiency DC Interface Adapter	1

Optional Accessories for unit

Optional Items	Max Qty	Description
Strap	1	
Charging base	1	
Fixed bracket	1	
Full aluminum alloy desktop bracket	1	
Portable waterproof case	1	
Hand Strap	1	
Shoulder Strap	1	

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